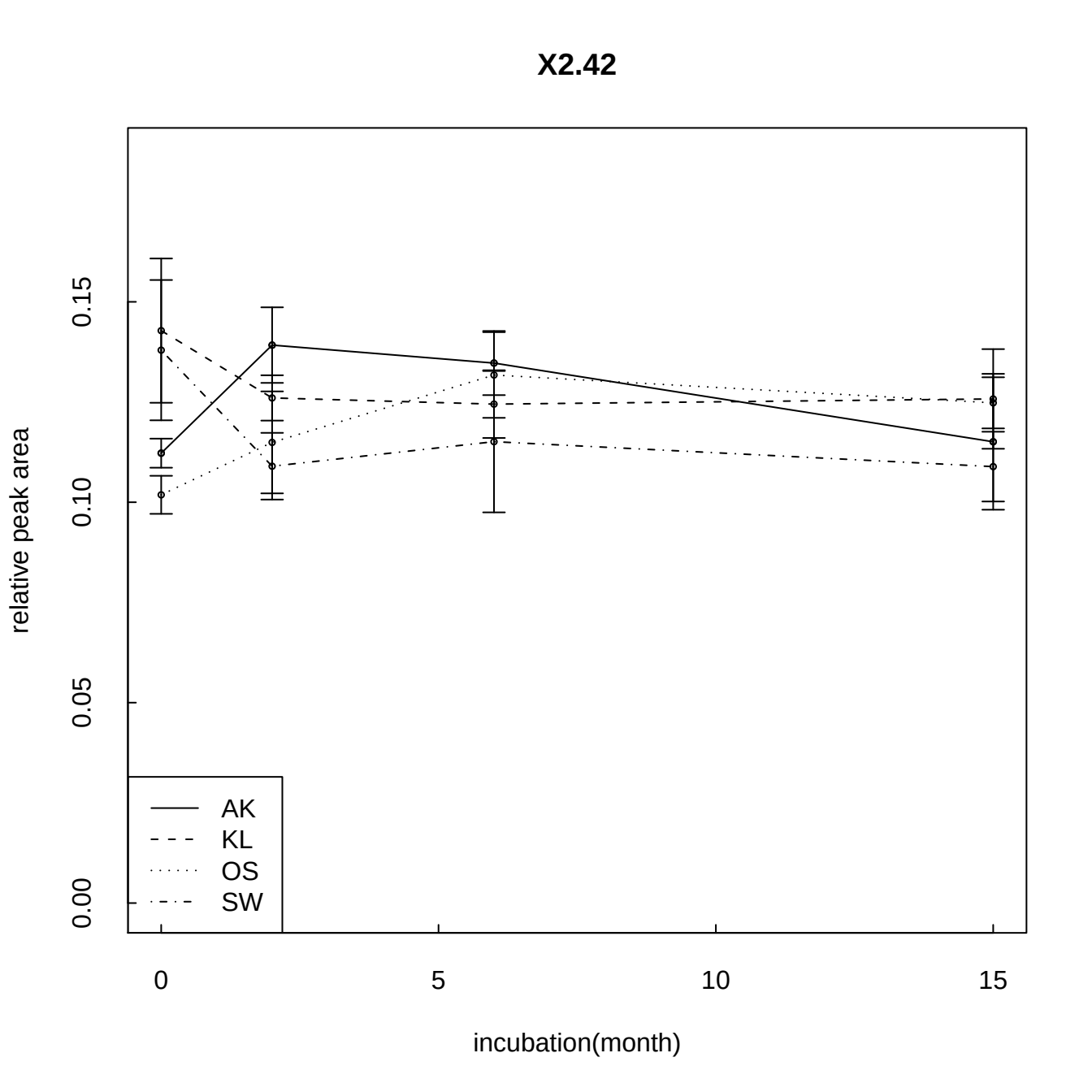
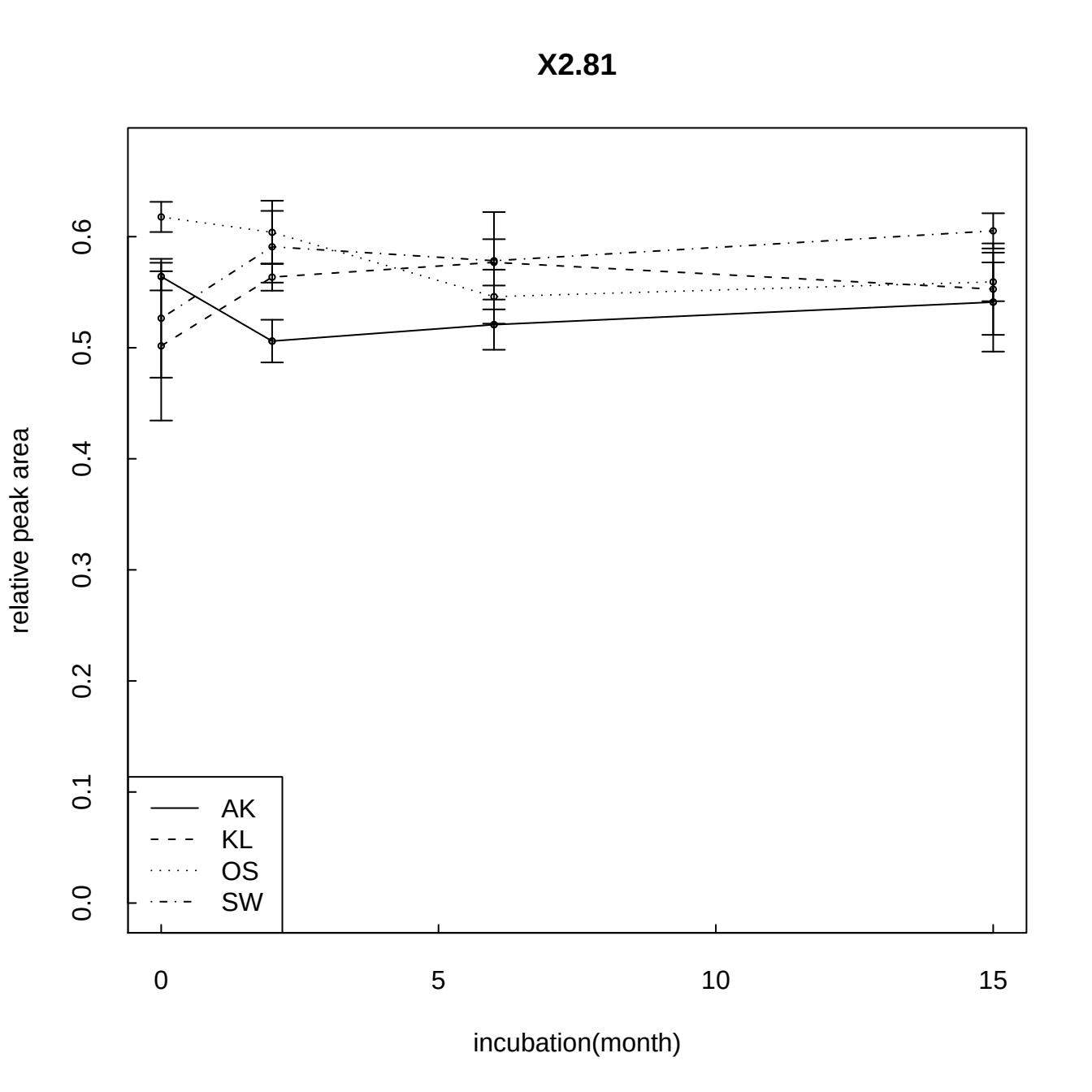
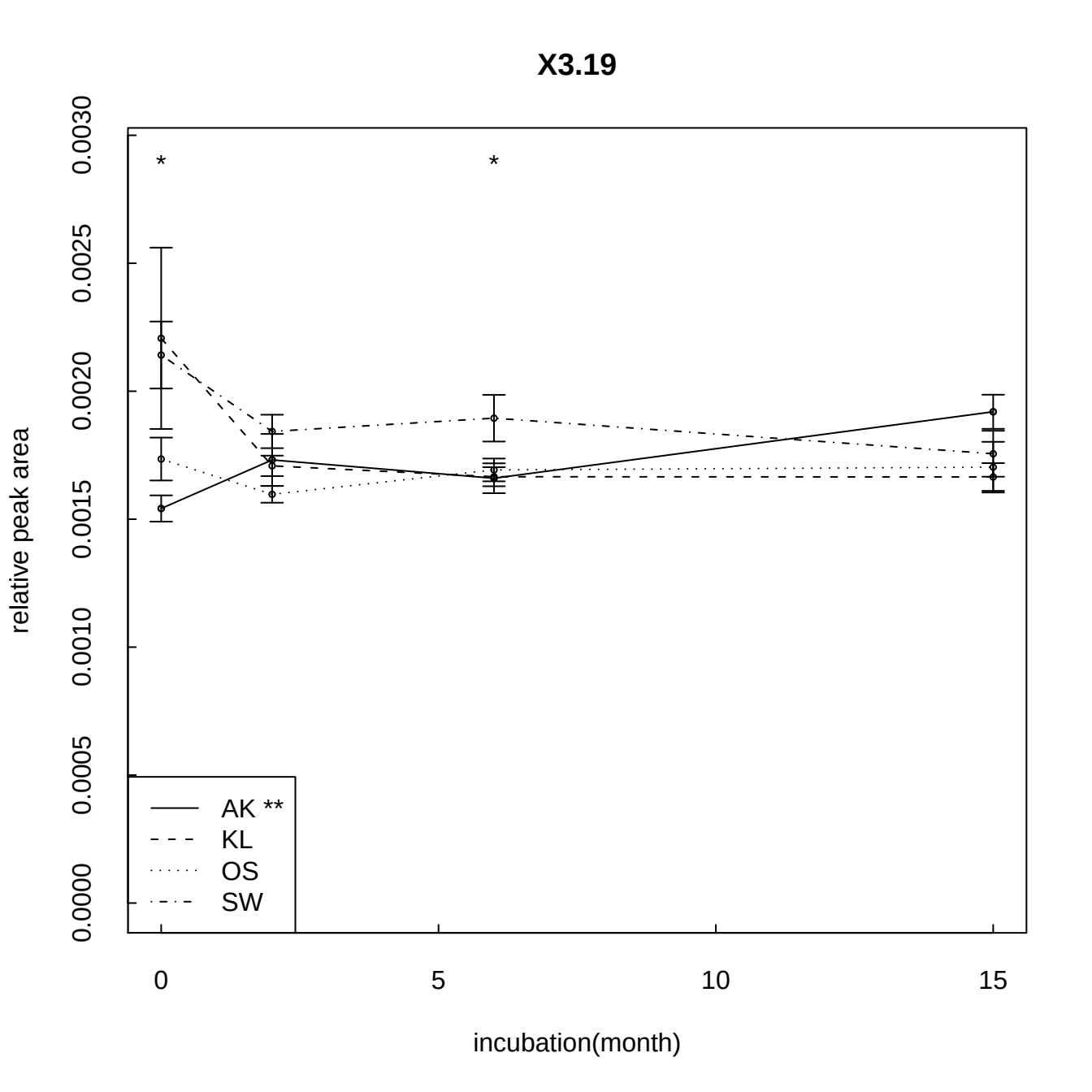
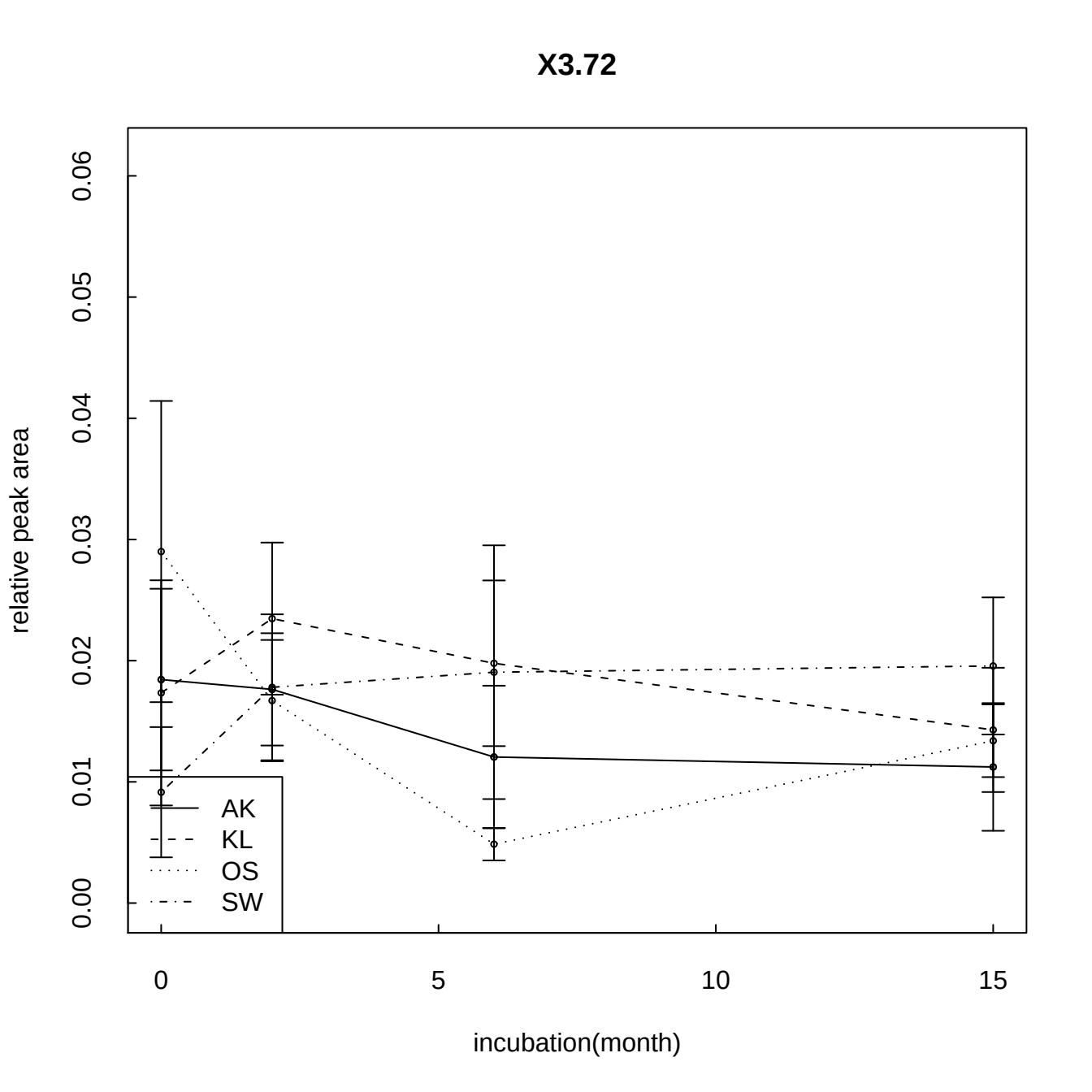
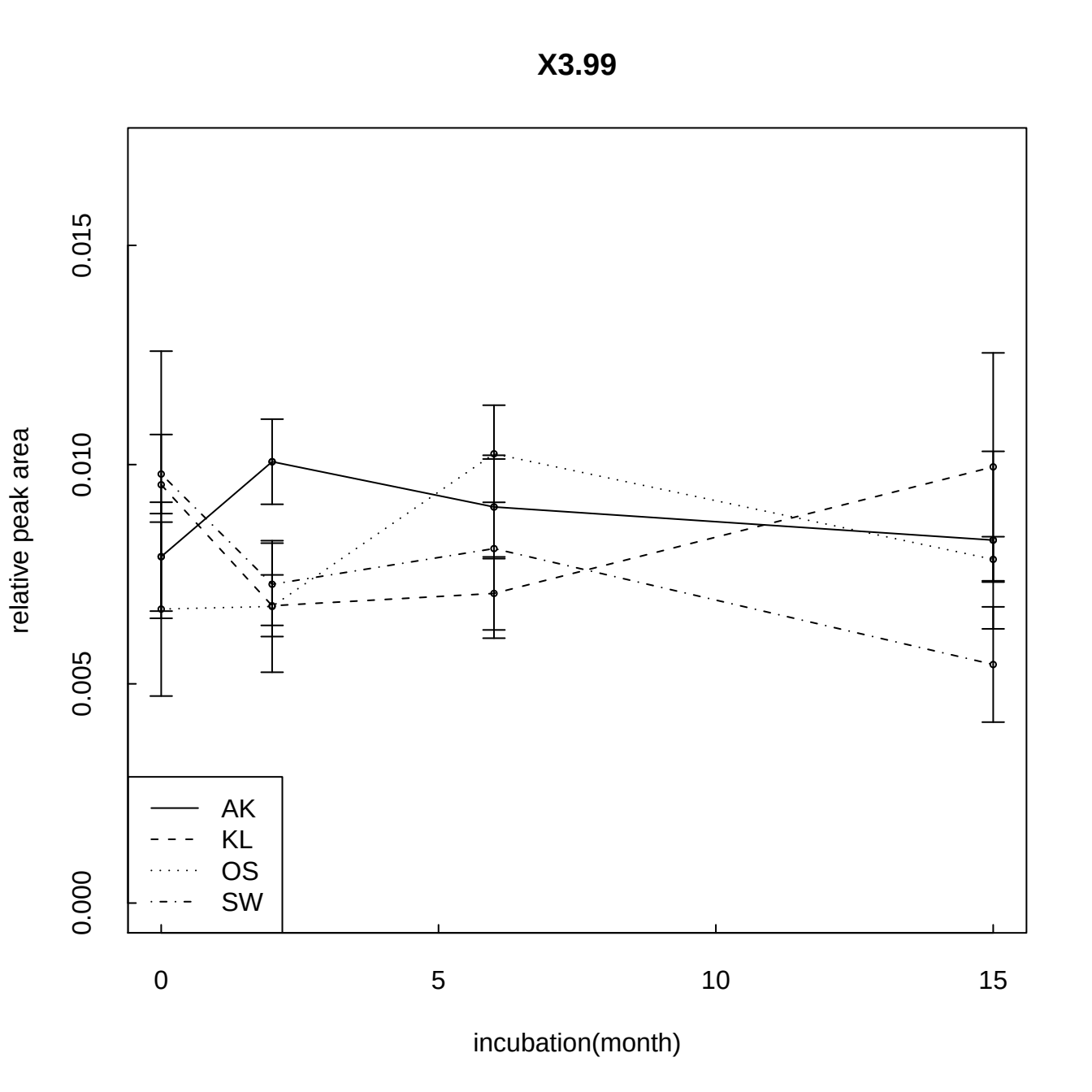
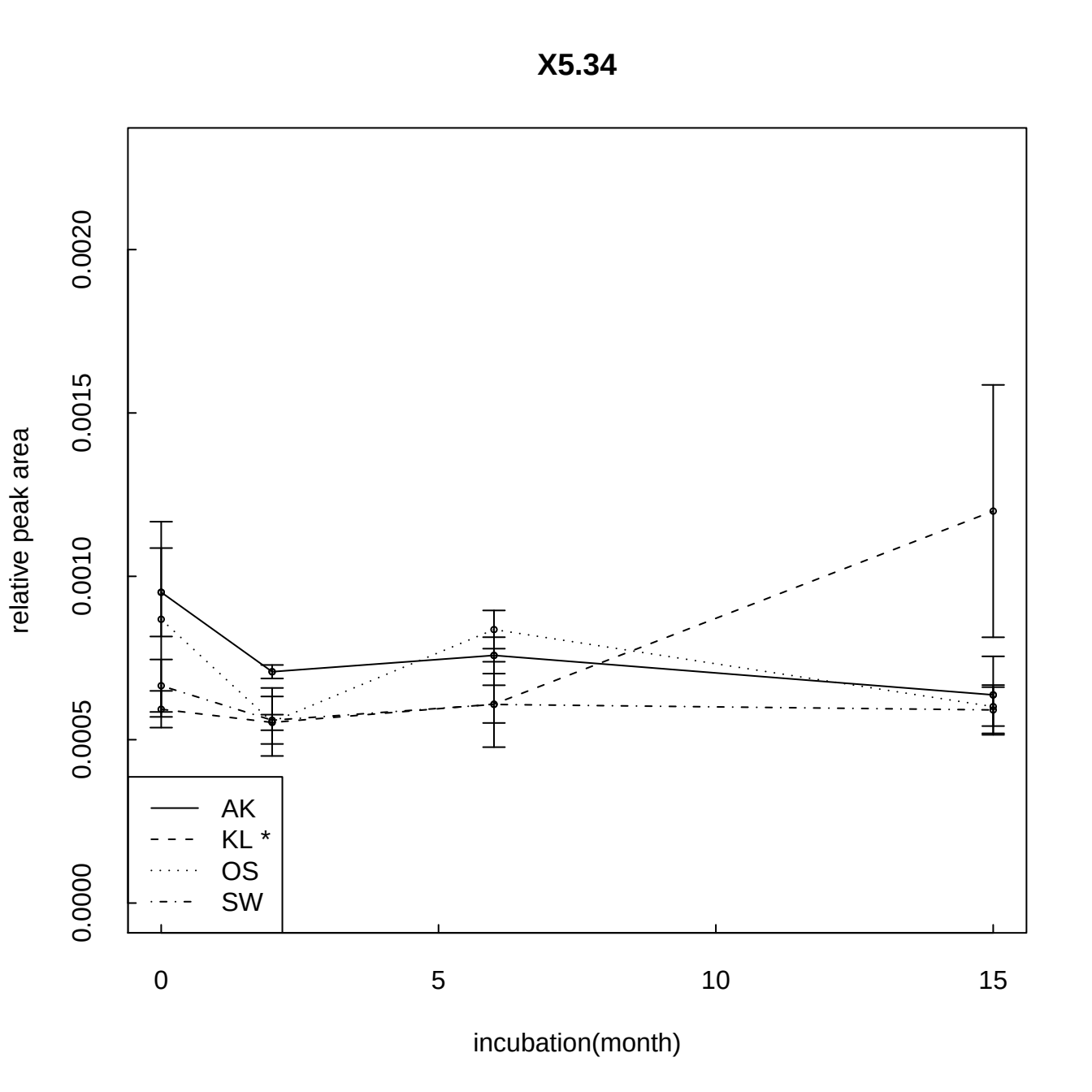

X2.42
relative peak area
0.00
0.05
0.10
0.15
0
5
10
15
incubation(month)
AK
KL
OS
SW

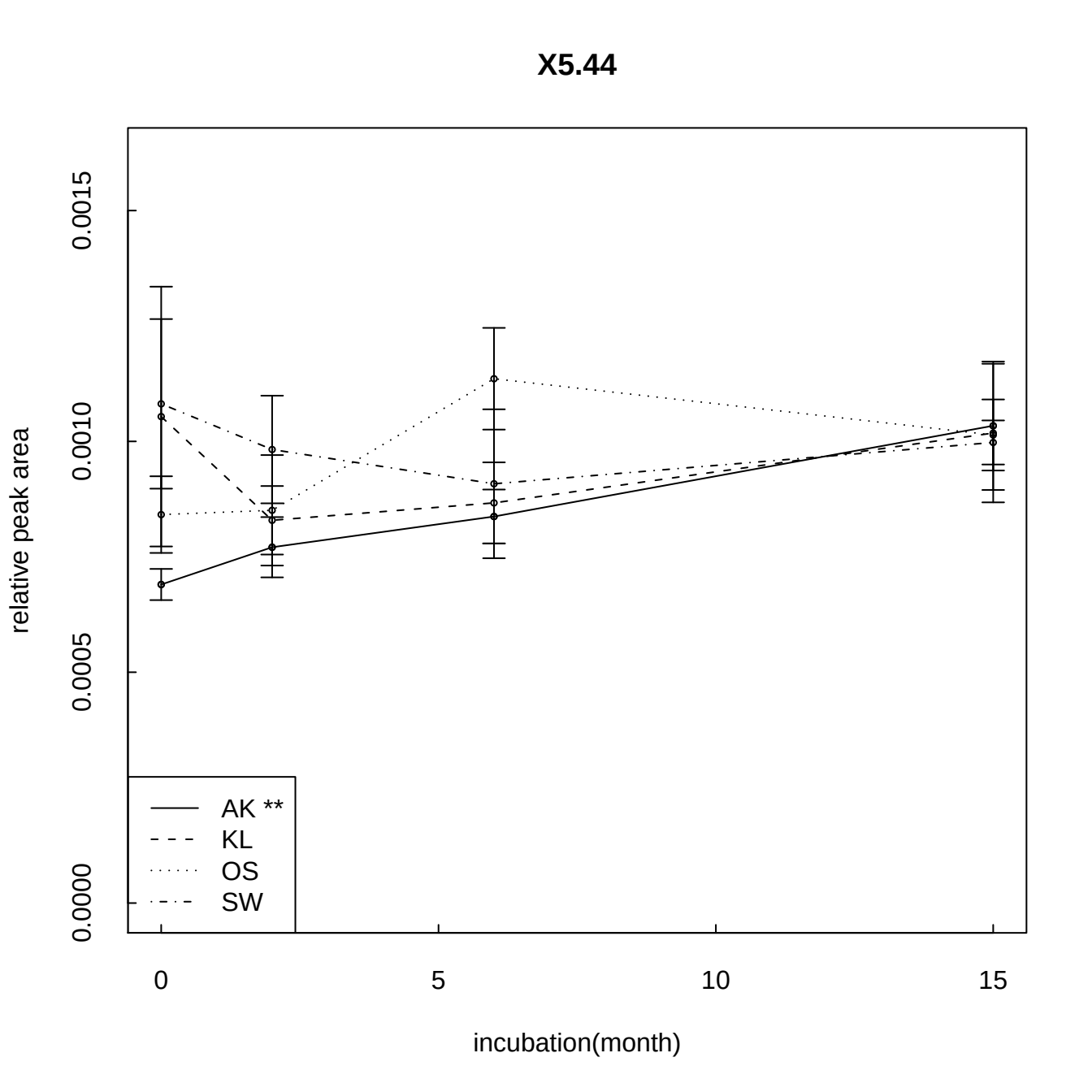

X2.81
relative peak area
0.0
0.1
0.2
0.3
0.4
0.5
0.6
AK
KL
OS
SW
0
5
10
15
incubation(month)

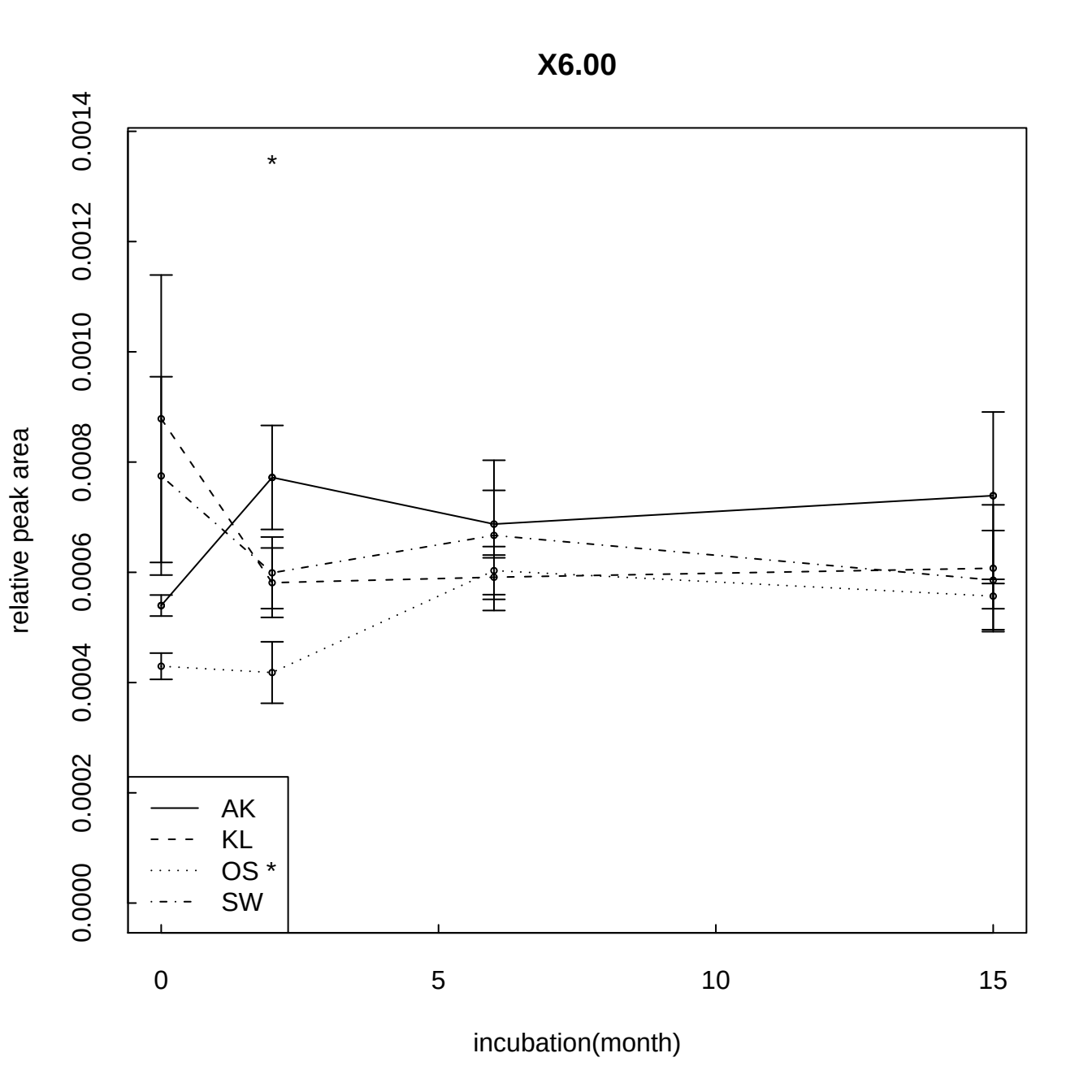

X3.19
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
*
*
AK **
KL
OS
SW
0
5
10
15
incubation(month)

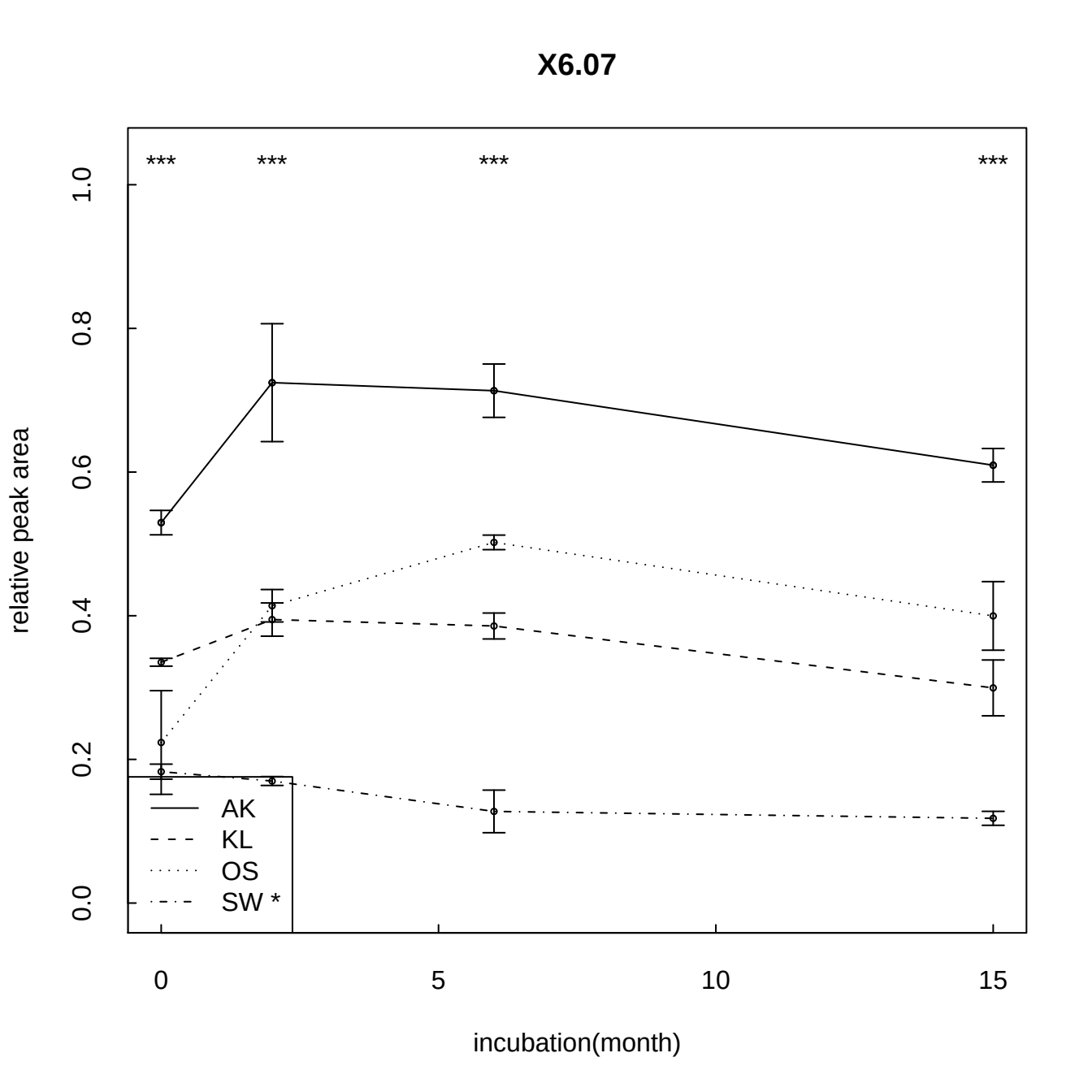

X3.72
relative peak area
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0
5
10
15
incubation(month)
AK
KL
OS
SW

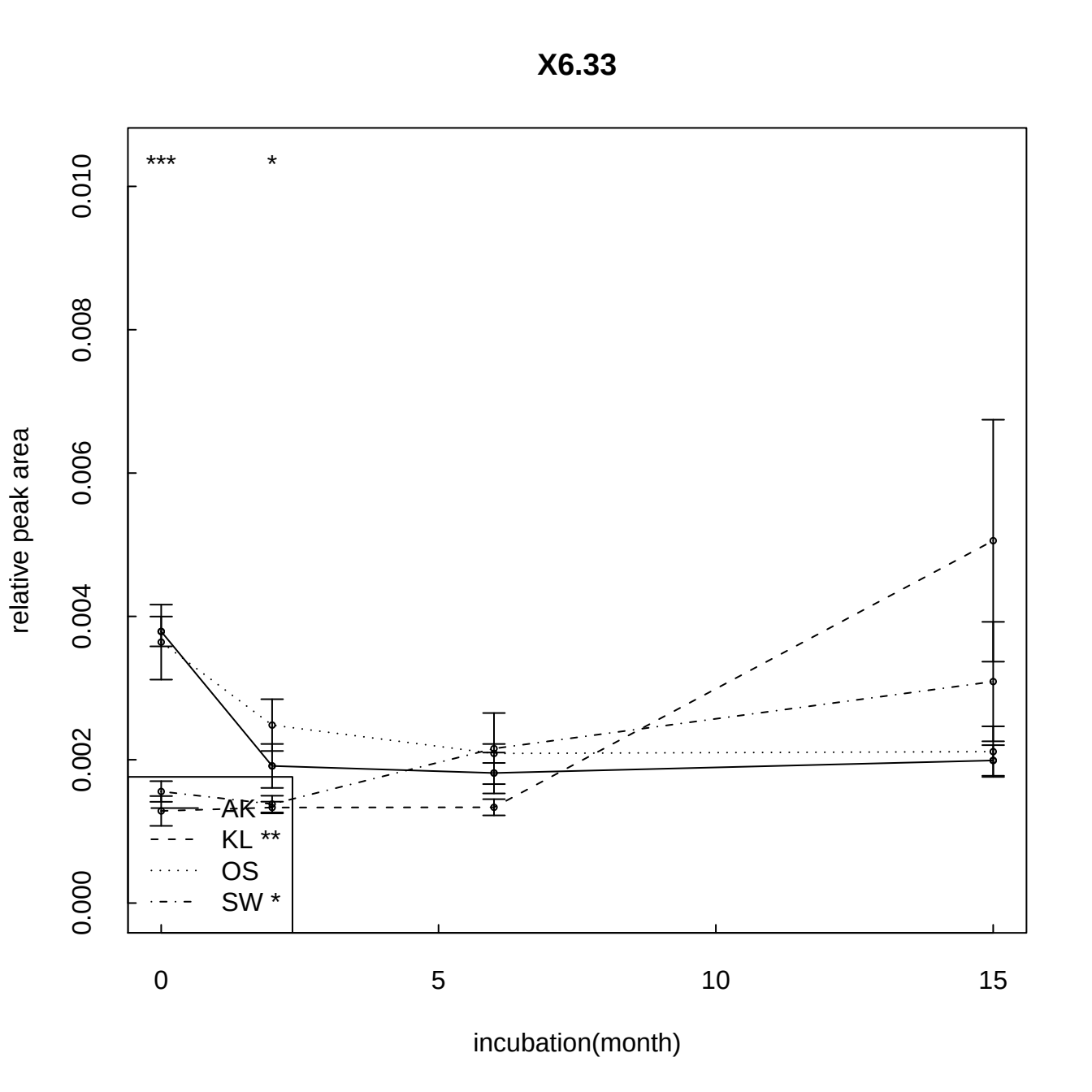

X3.99
relative peak area
0.000
0.005
0.010
0.015
0
5
10
15
incubation(month)
AK
KL
OS
SW

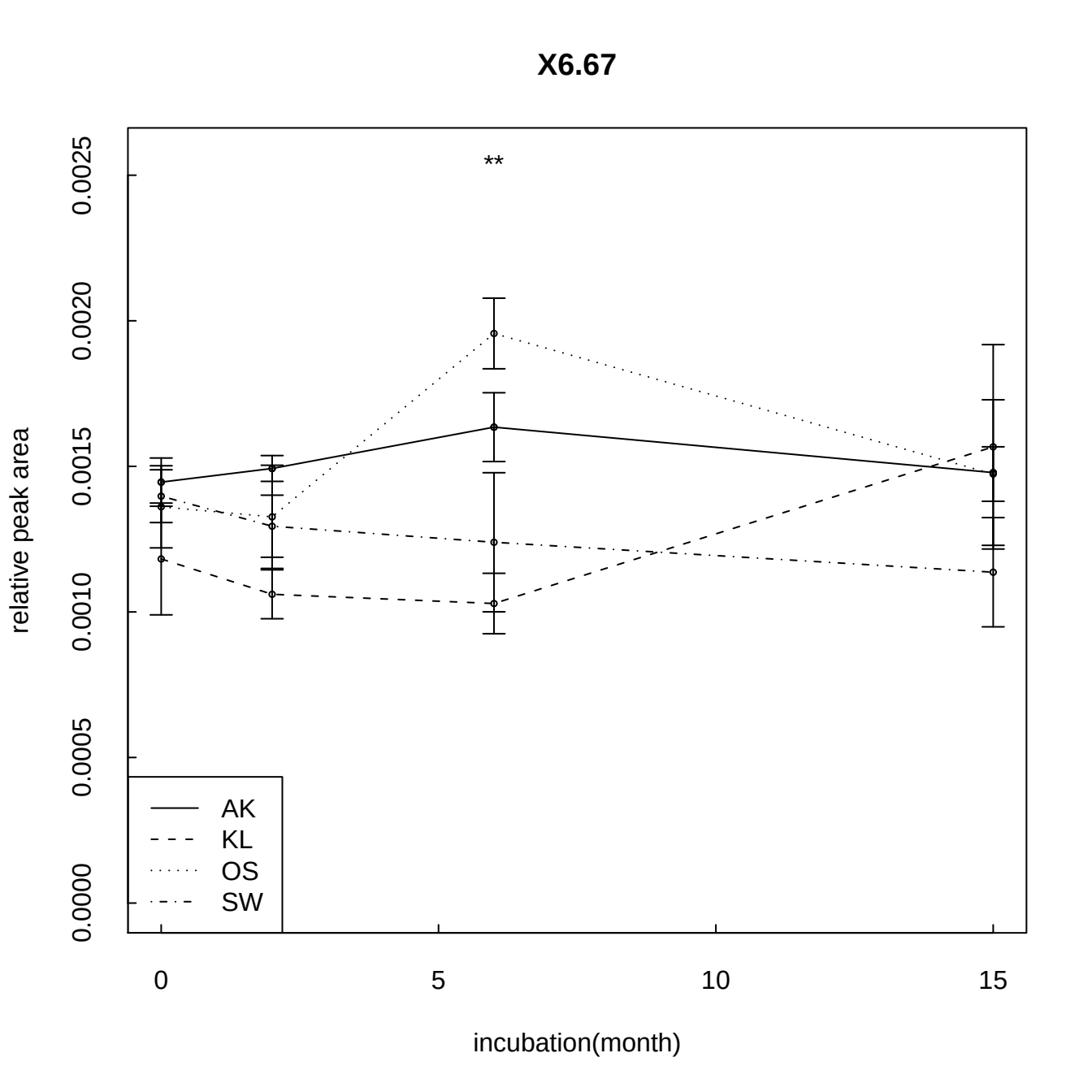

X5.34
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0
5
10
15
incubation(month)
AK
KL *
OS
SW

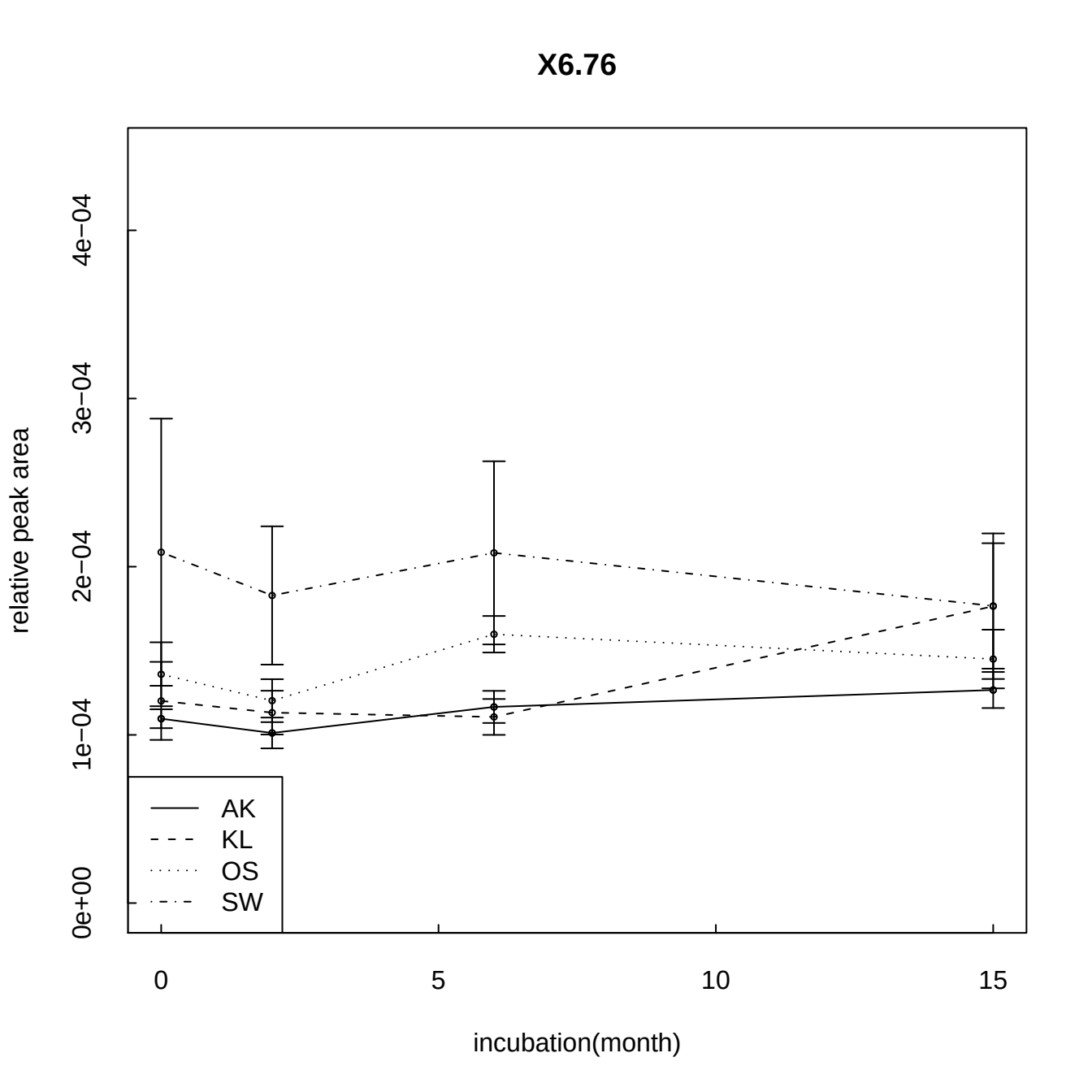

X5.44
relative peak area
0.0000
0.0005
0.0010
0.0015
0
5
10
15
incubation(month)
AK **
KL
OS
SW

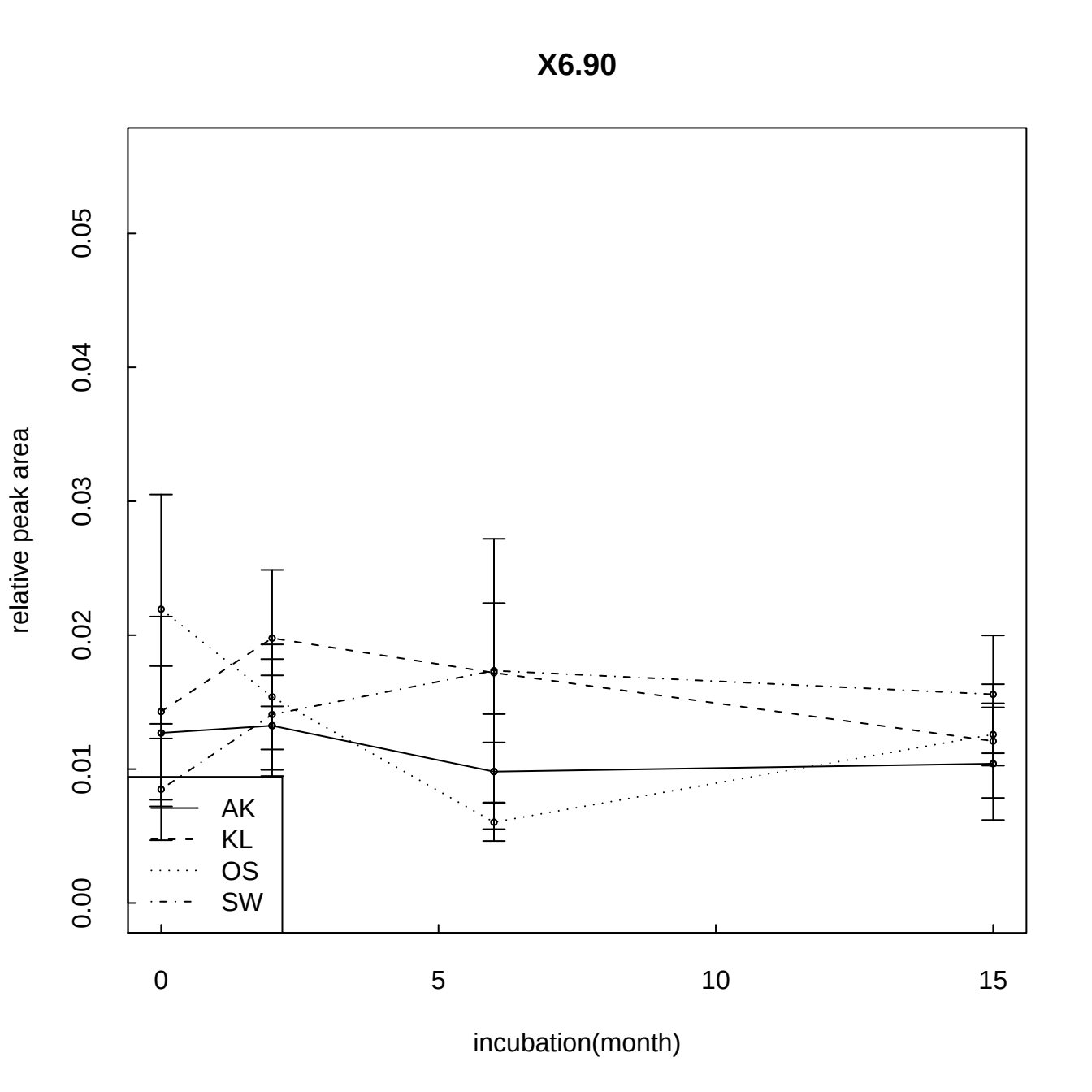

X6.00
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0.0014
*
AK
KL
OS *
SW
0
5
10
15
incubation(month)

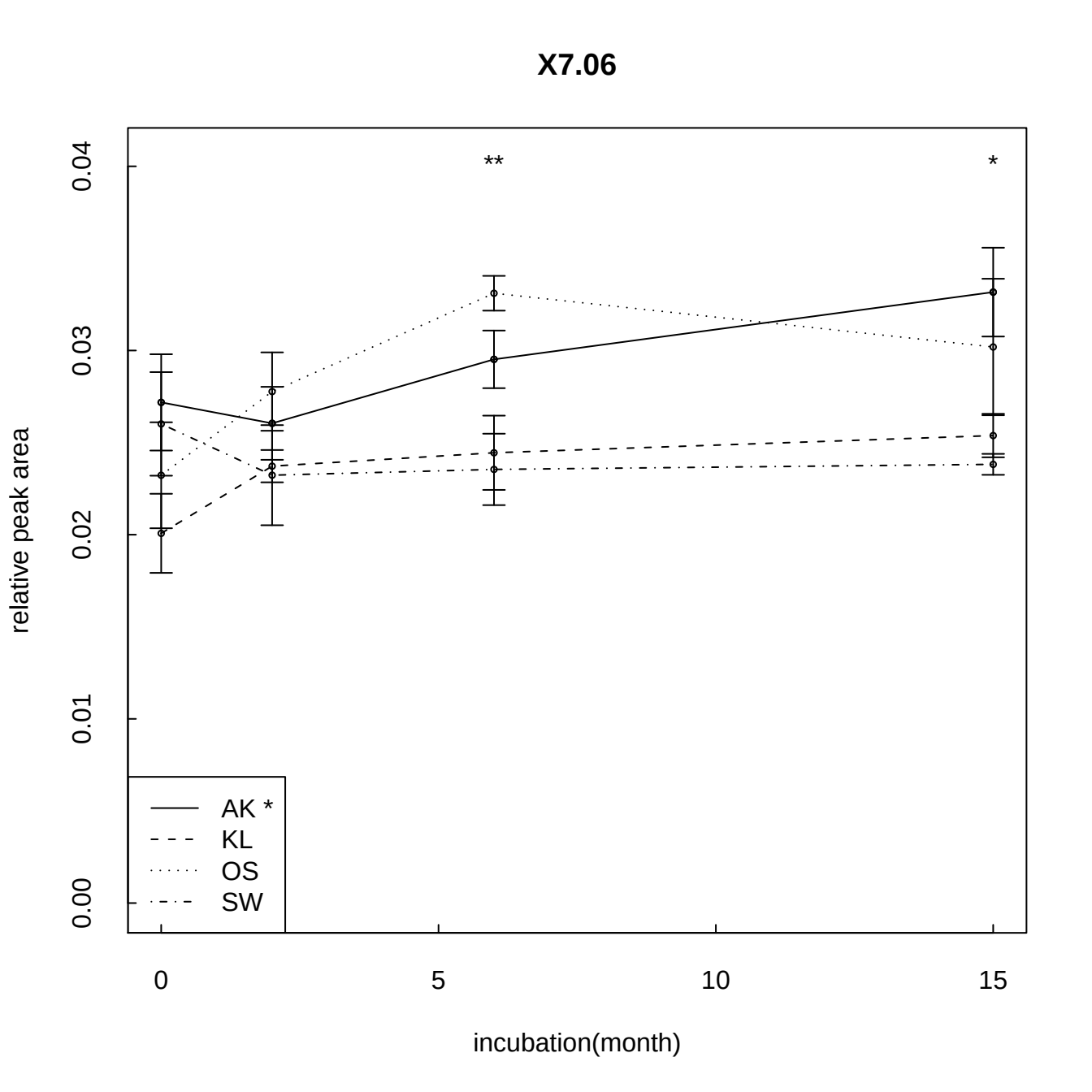

X6.07
***
***
***
***
1.0
0.8
0.6
0.4
0.2
0.0
relative peak area
AK
KL
OS
SW *
0
5
10
15
incubation(month)

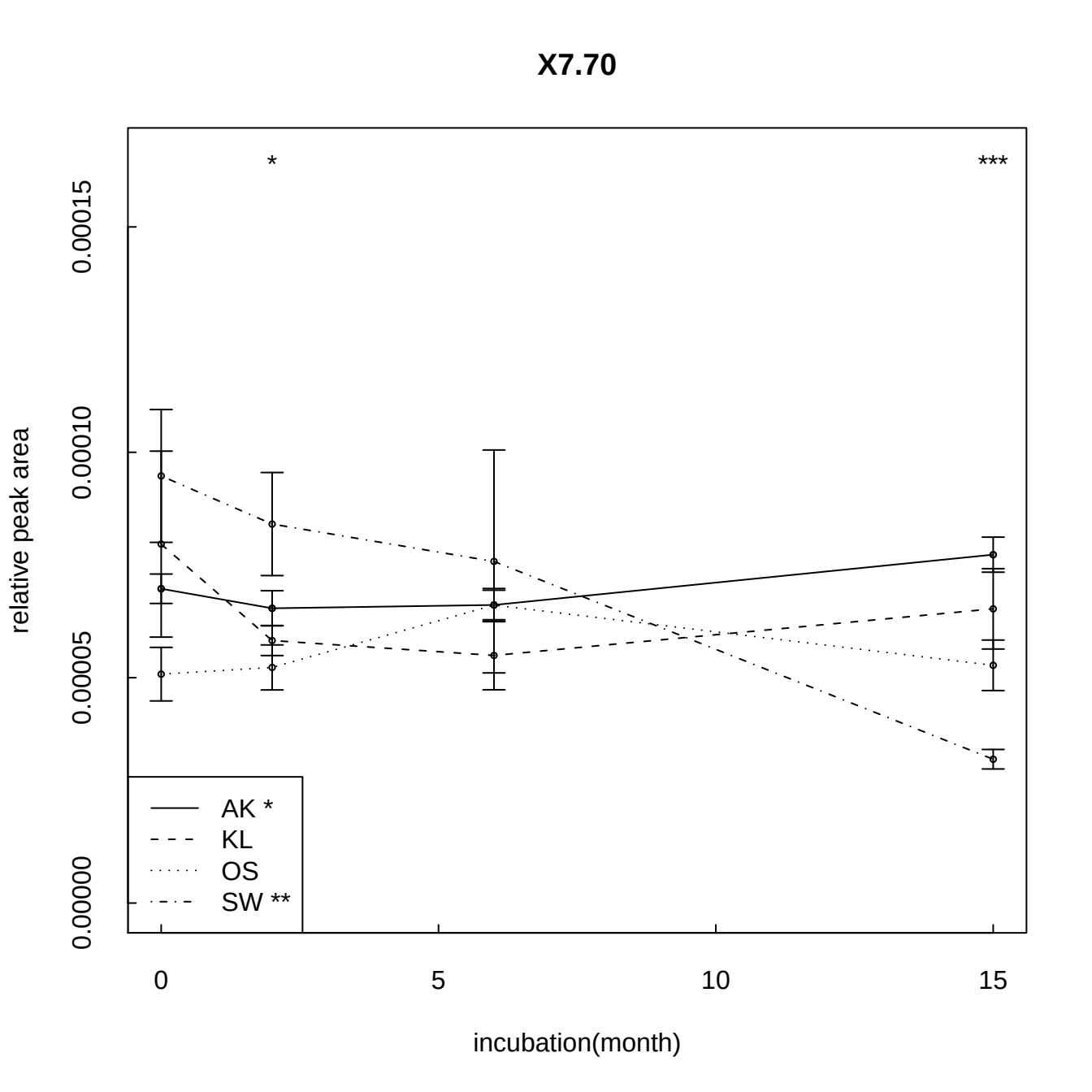

X6.33
***
*
0.010
0.008
0.006
0.004
0.002
0.000
relative peak area
AK
KL **
OS
SW *
0
5
10
15
incubation(month)

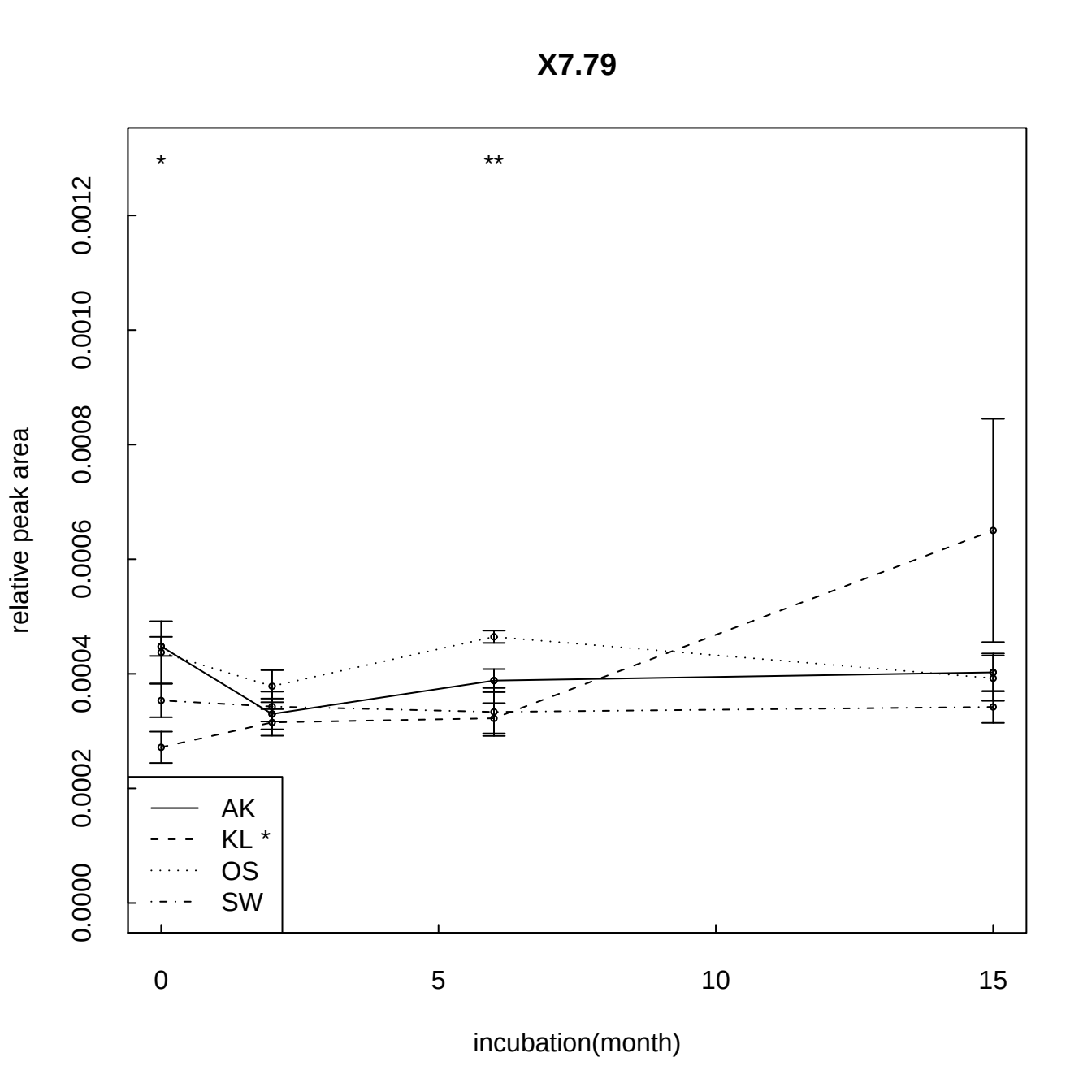

X6.67
**
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
AK
KL
OS
SW
0
5
10
15
incubation(month)

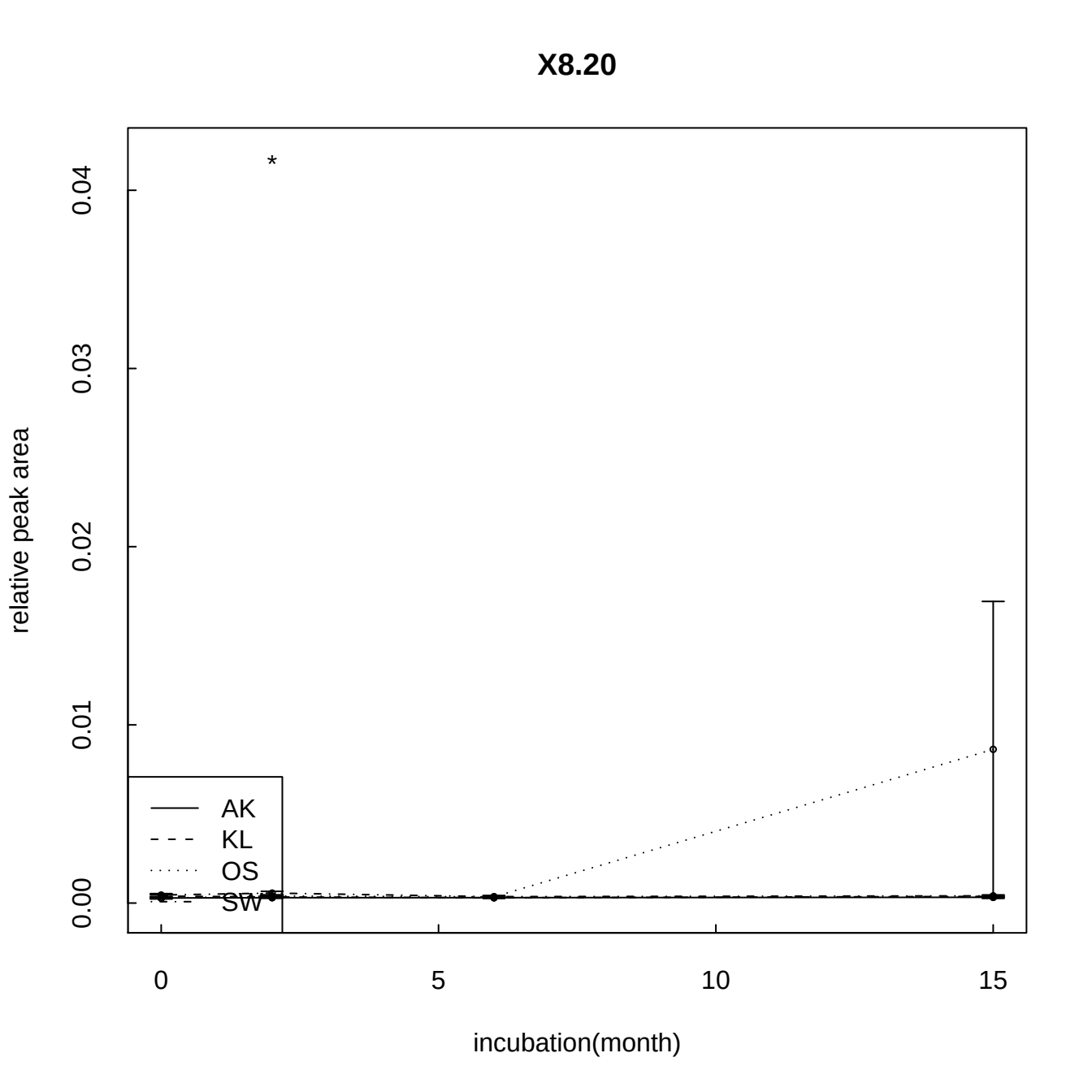

X6.76
relative peak area
0e+00
1e−04
2e−04
3e−04
4e−04
0
5
10
15
incubation(month)
AK
KL
OS
SW

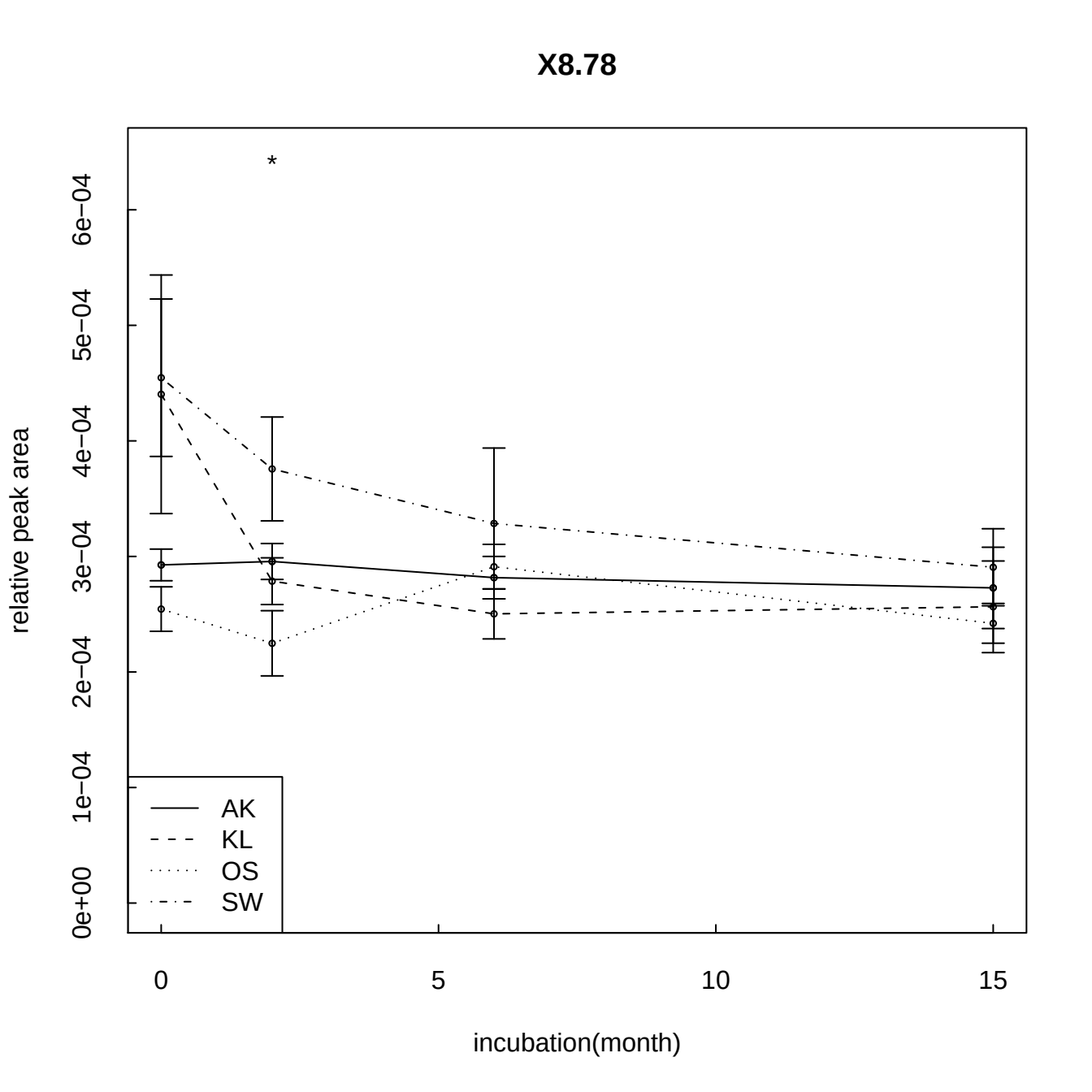

X6.90
relative peak area
0.00
0.01
0.02
0.03
0.04
0.05
0
5
10
15
incubation(month)
AK
KL
OS
SW

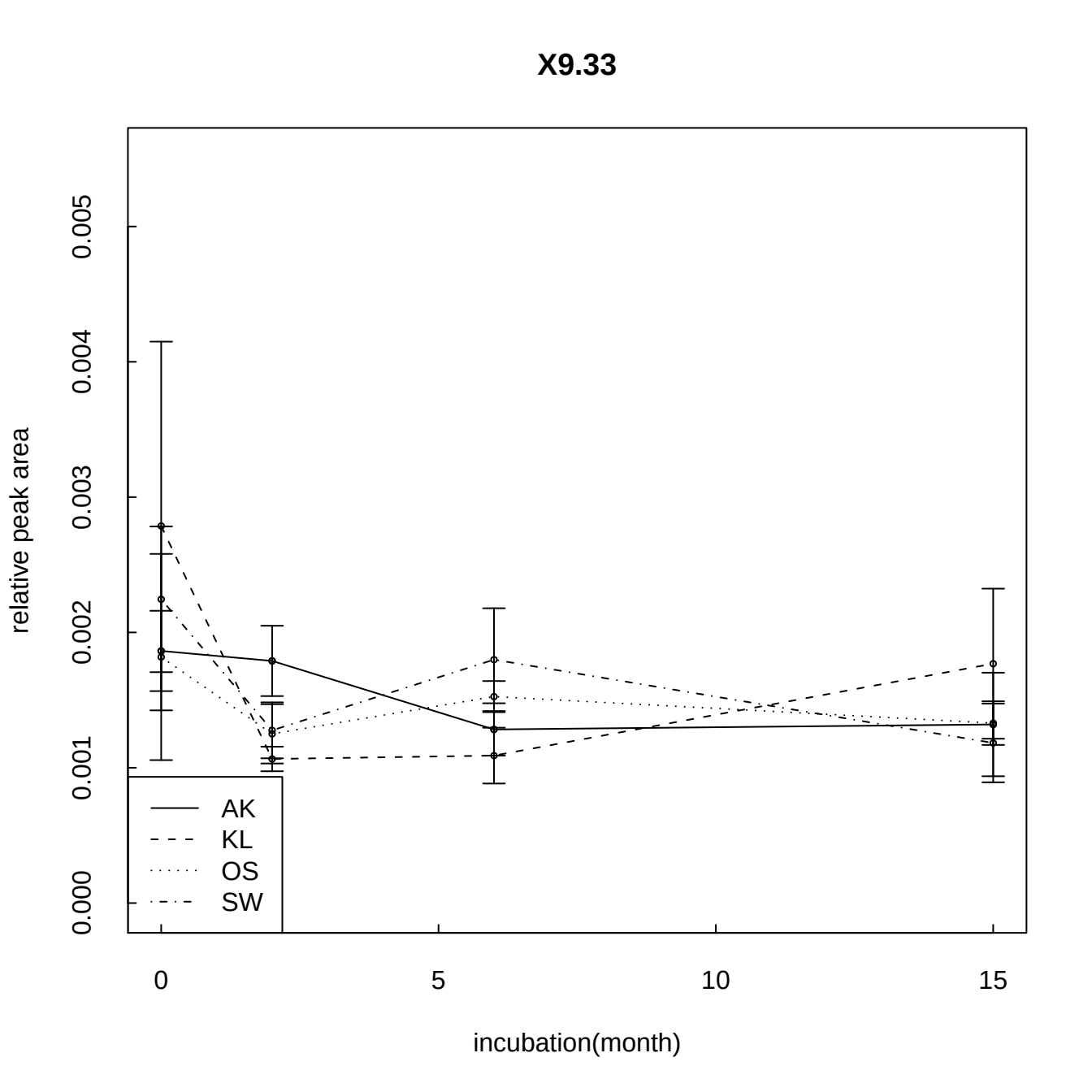

X7.06
**
*
0.04
0.03
0.02
0.01
0.00
relative peak area
AK *
KL
OS
SW
0
5
10
15
incubation(month)

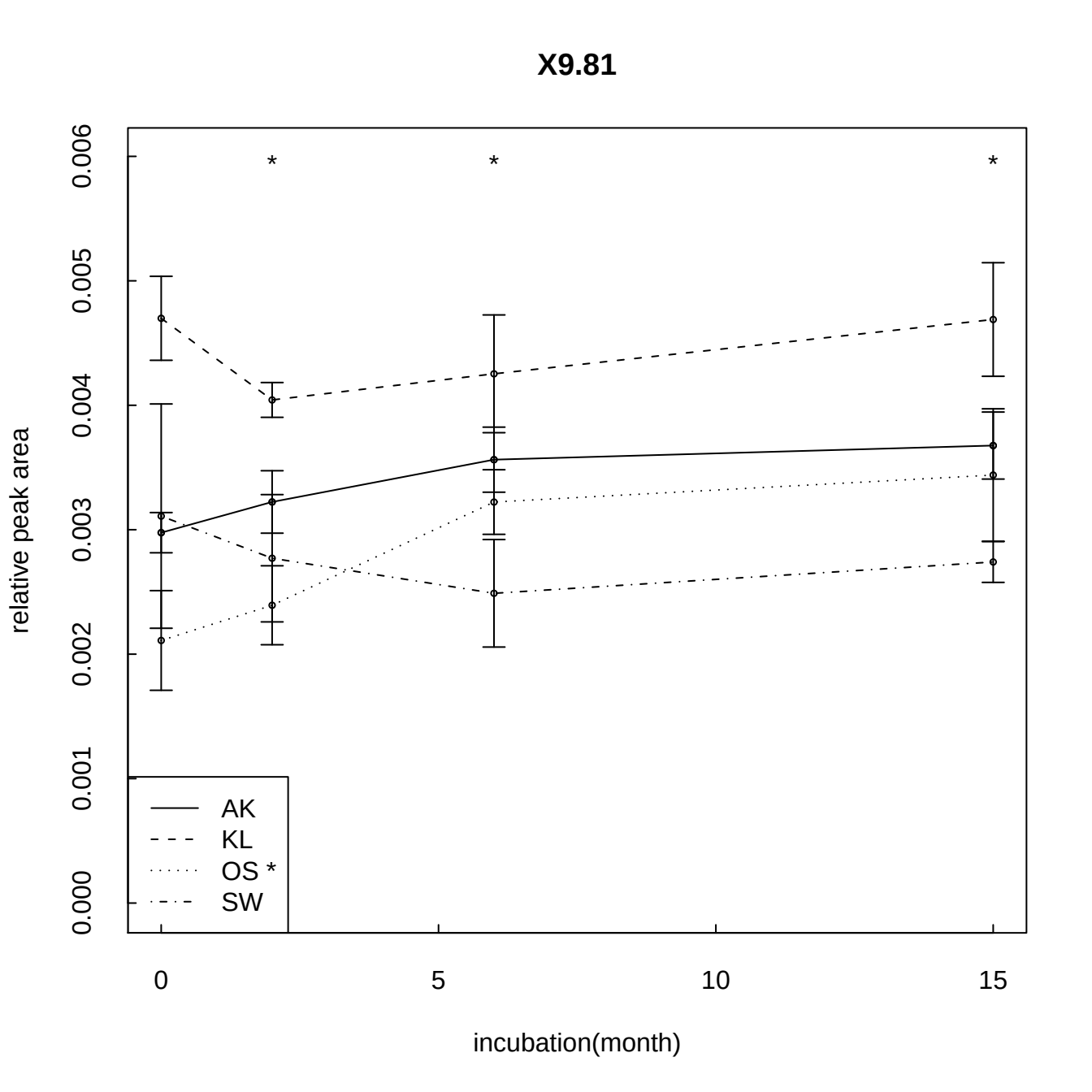

X7.70
*
***
0.00015
0.00010
0.00005
0.00000
relative peak area
AK *
KL
OS
SW **
0
5
10
15
incubation(month)

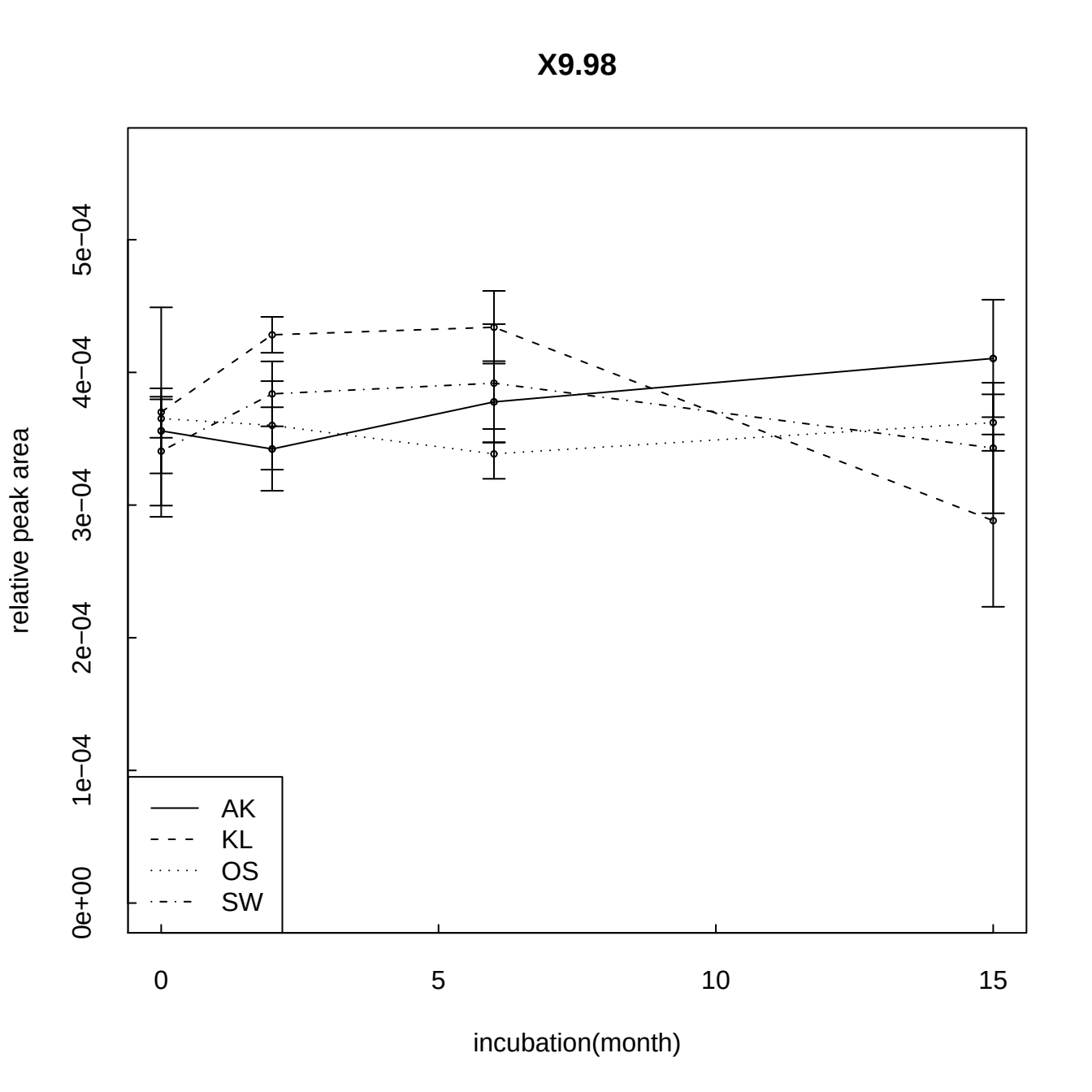

X7.79
*
**
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
AK
KL *
OS
SW
0
5
10
15
incubation(month)

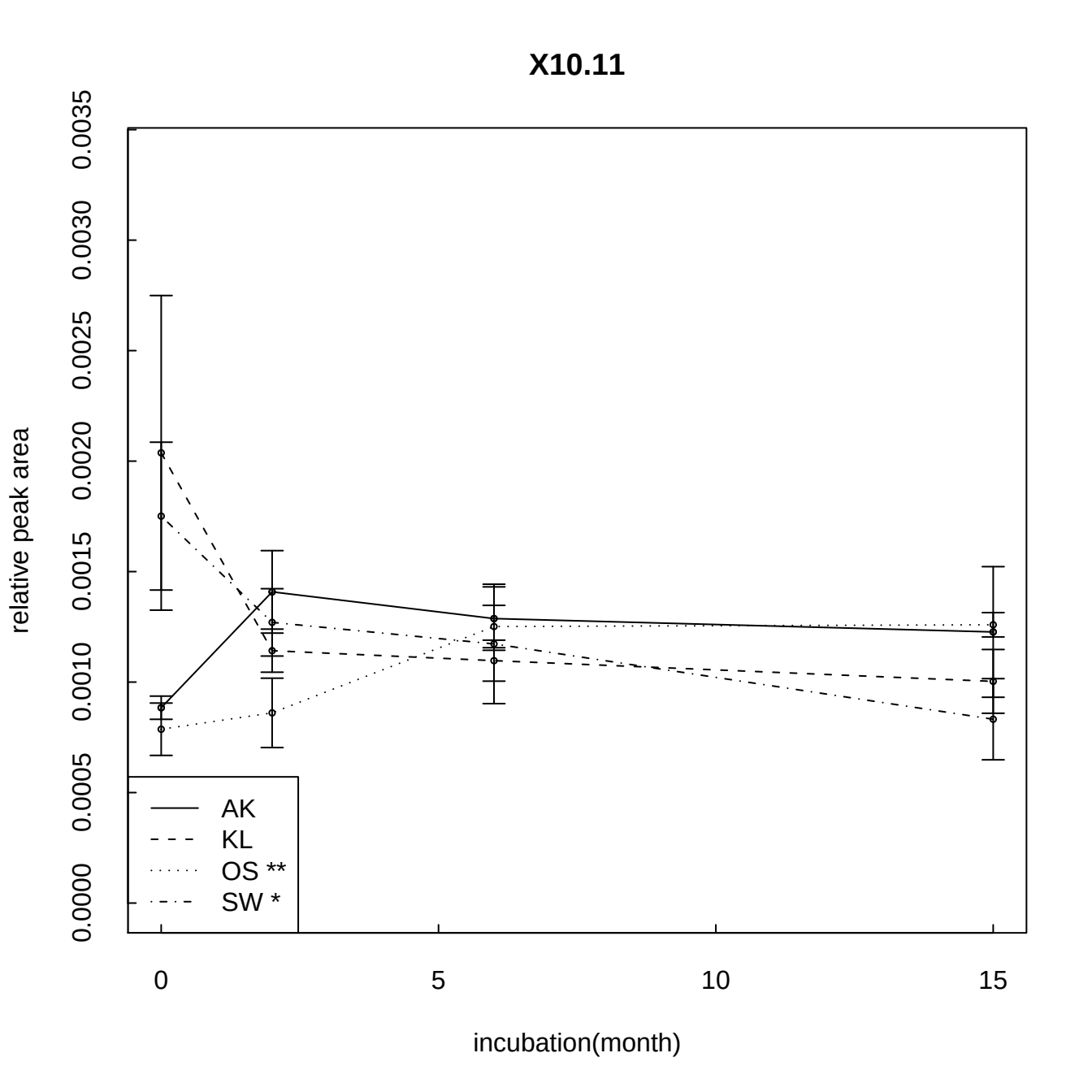

X8.20
relative peak area
0.00
0.01
0.02
0.03
0.04
*
AK
KL
OS
SW
0
5
10
15
incubation(month)

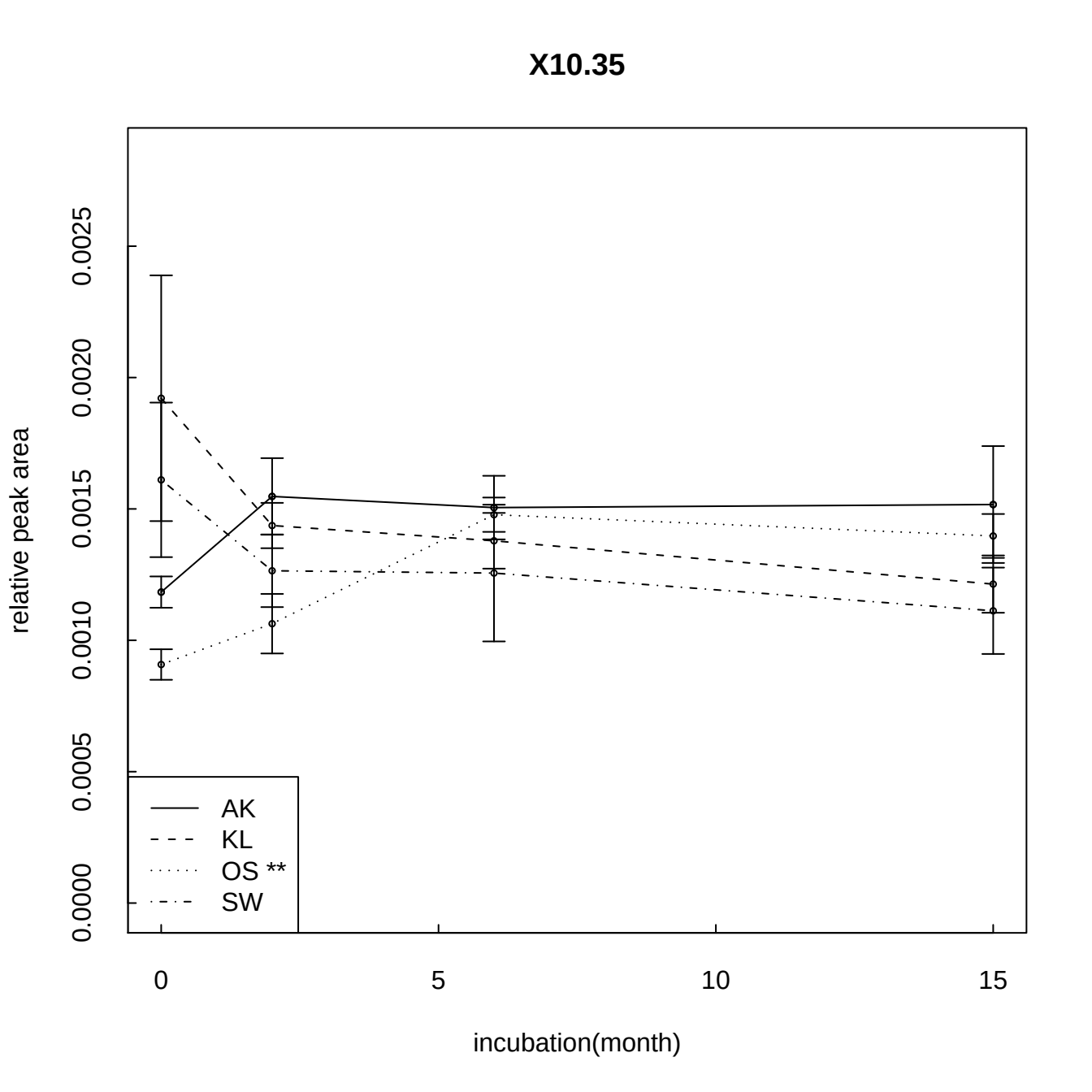

X8.78
*
relative peak area
0e+00
1e−04
2e−04
3e−04
4e−04
5e−04
6e−04
AK
KL
OS
SW
0
5
10
15
incubation(month)

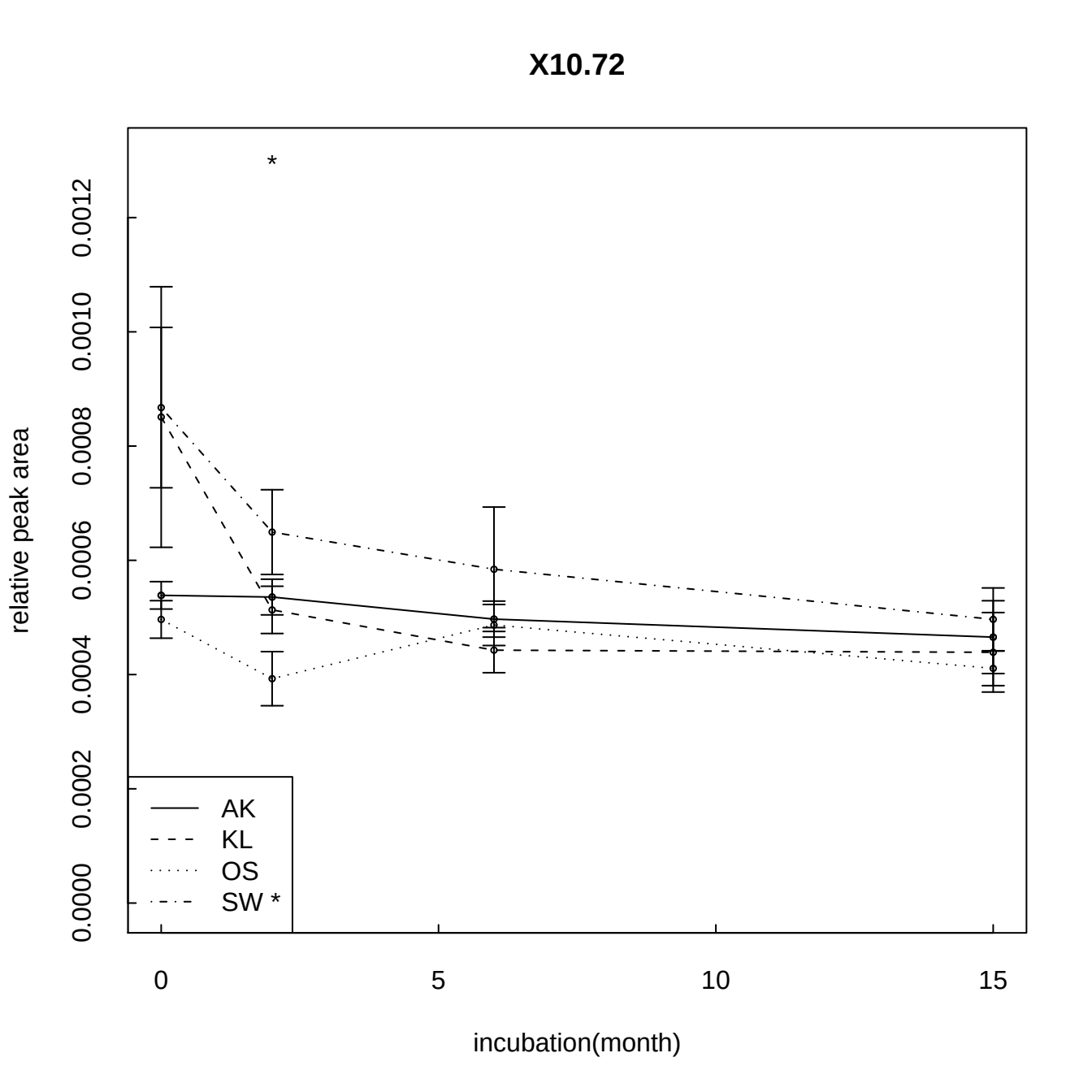

X9.33
relative peak area
0.000
0.001
0.002
0.003
0.004
0.005
0
5
10
15
incubation(month)
AK
KL
OS
SW

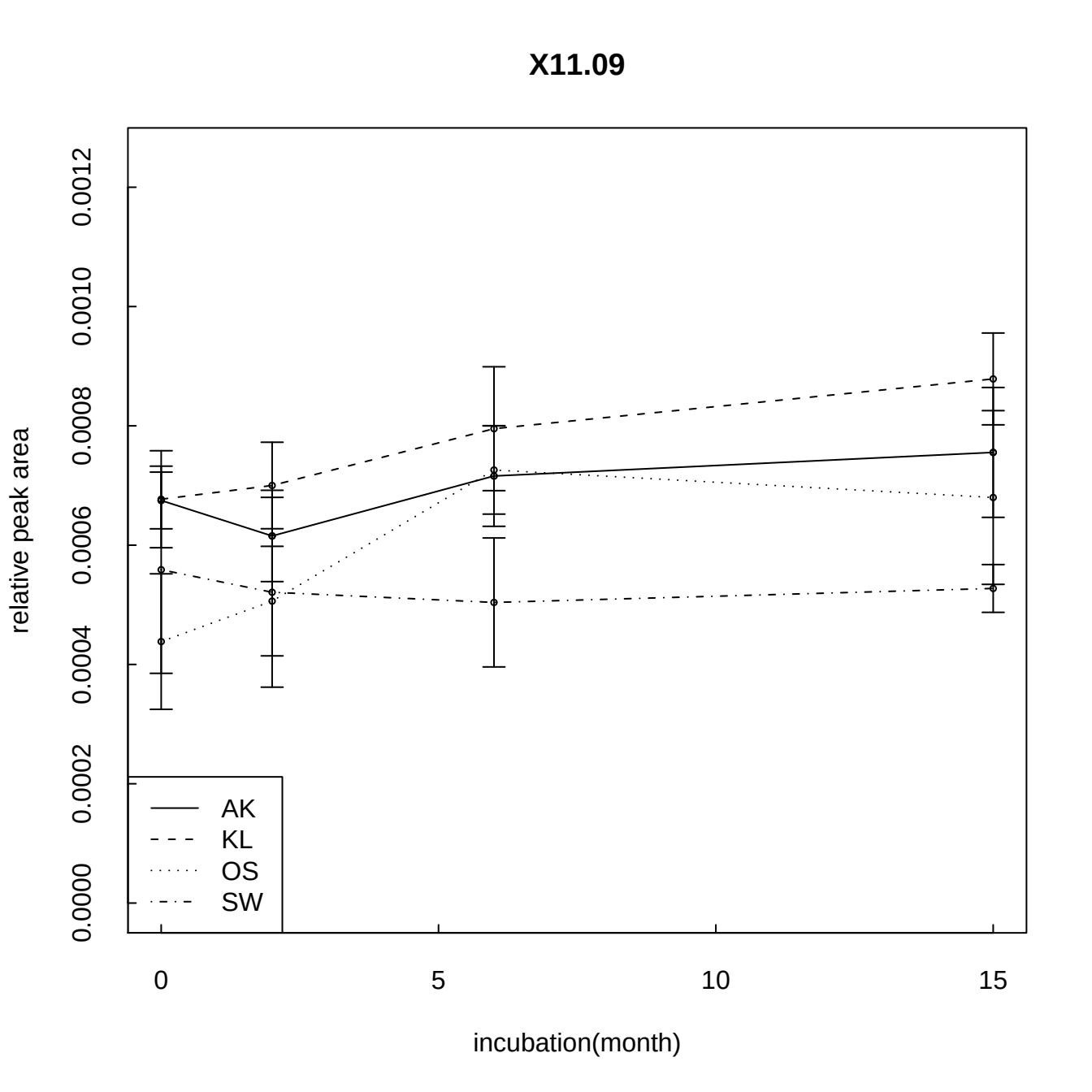

X9.81
relative peak area
0.000
0.001
0.002
0.003
0.004
0.005
0.006
*
*
*
AK
KL
OS *
SW
0
5
10
15
incubation(month)

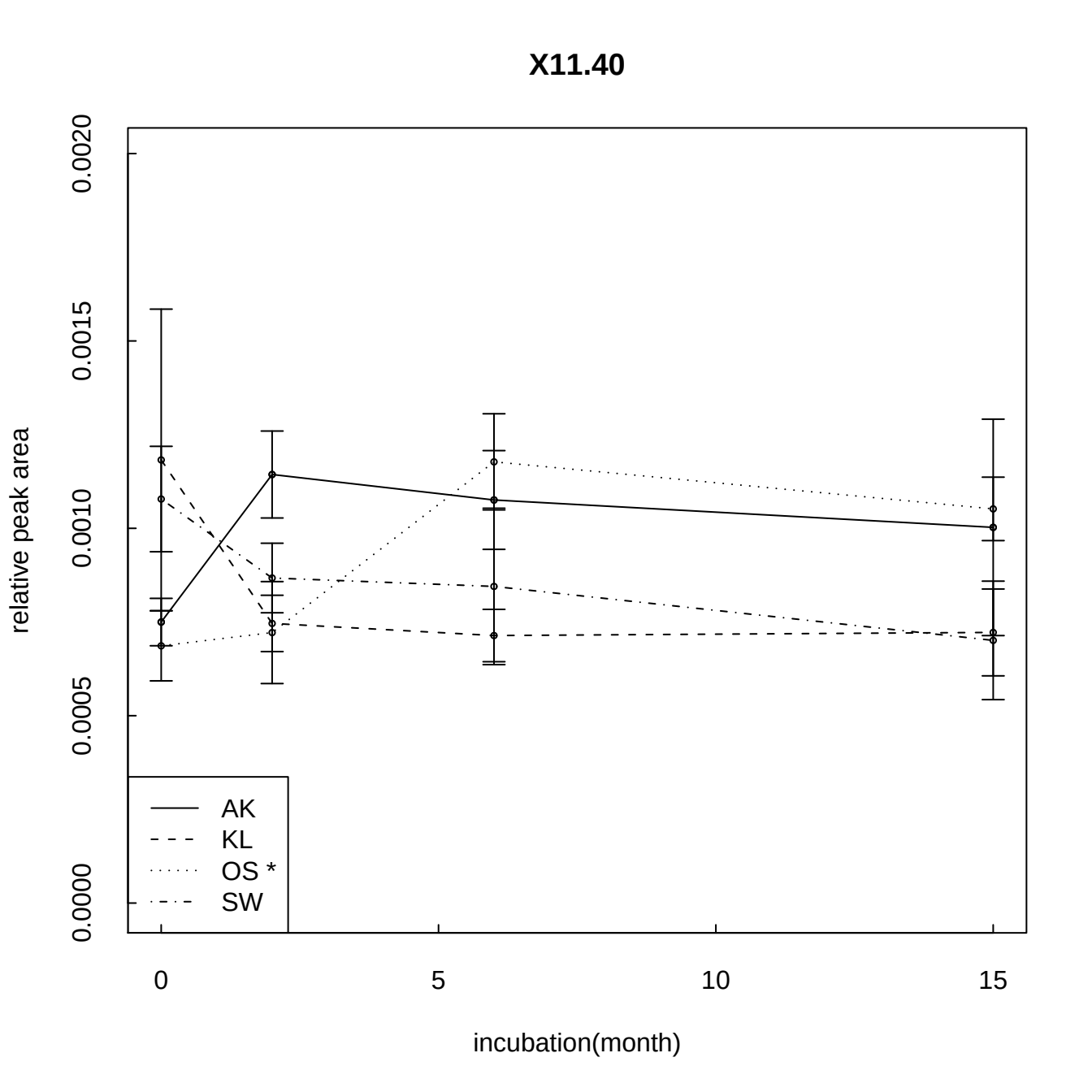

X9.98
relative peak area
0e+00
1e−04
2e−04
3e−04
4e−04
5e−04
0
5
10
15
incubation(month)
AK
KL
OS
SW

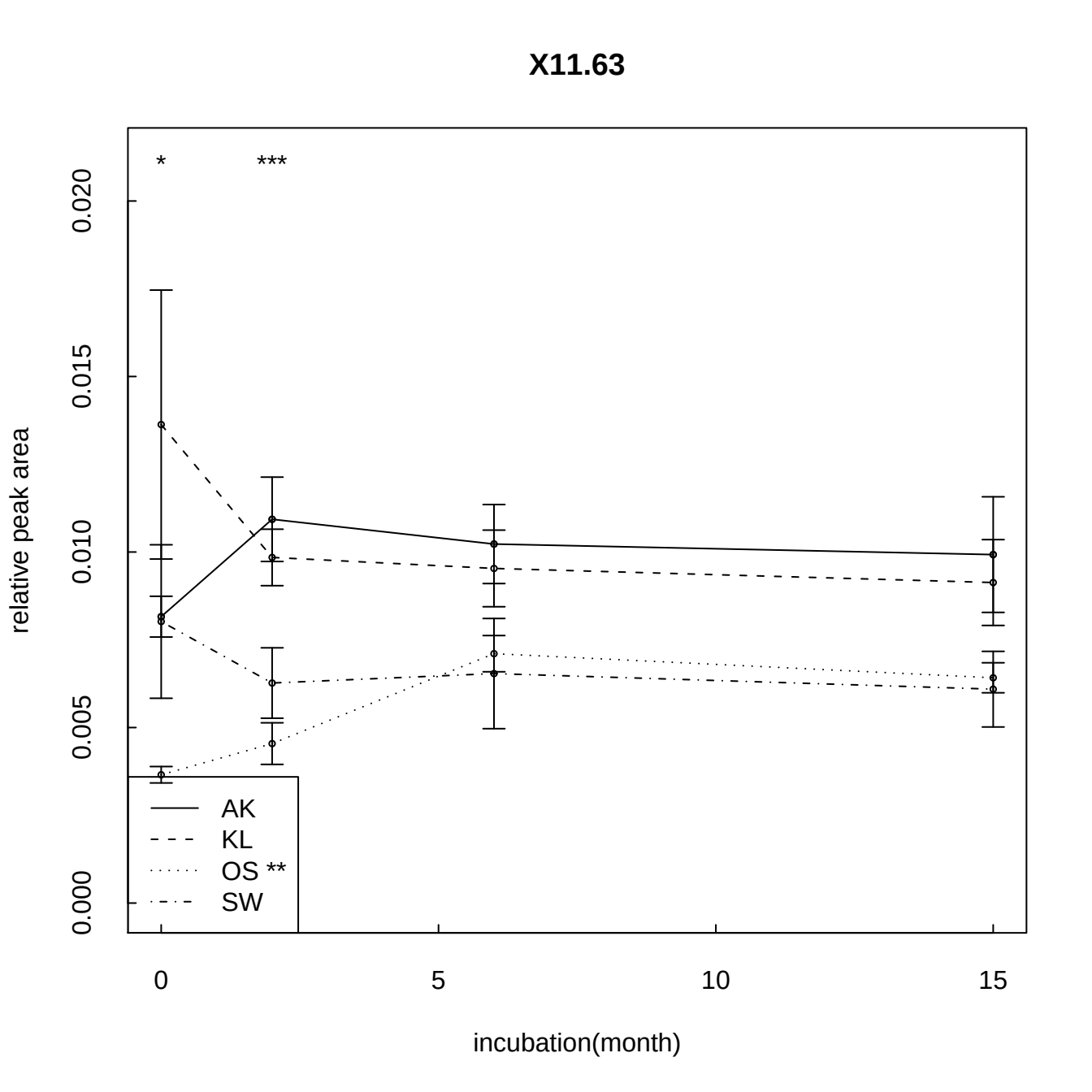

X10.11
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0.0035
0
5
10
15
incubation(month)
AK
KL
OS **
SW *

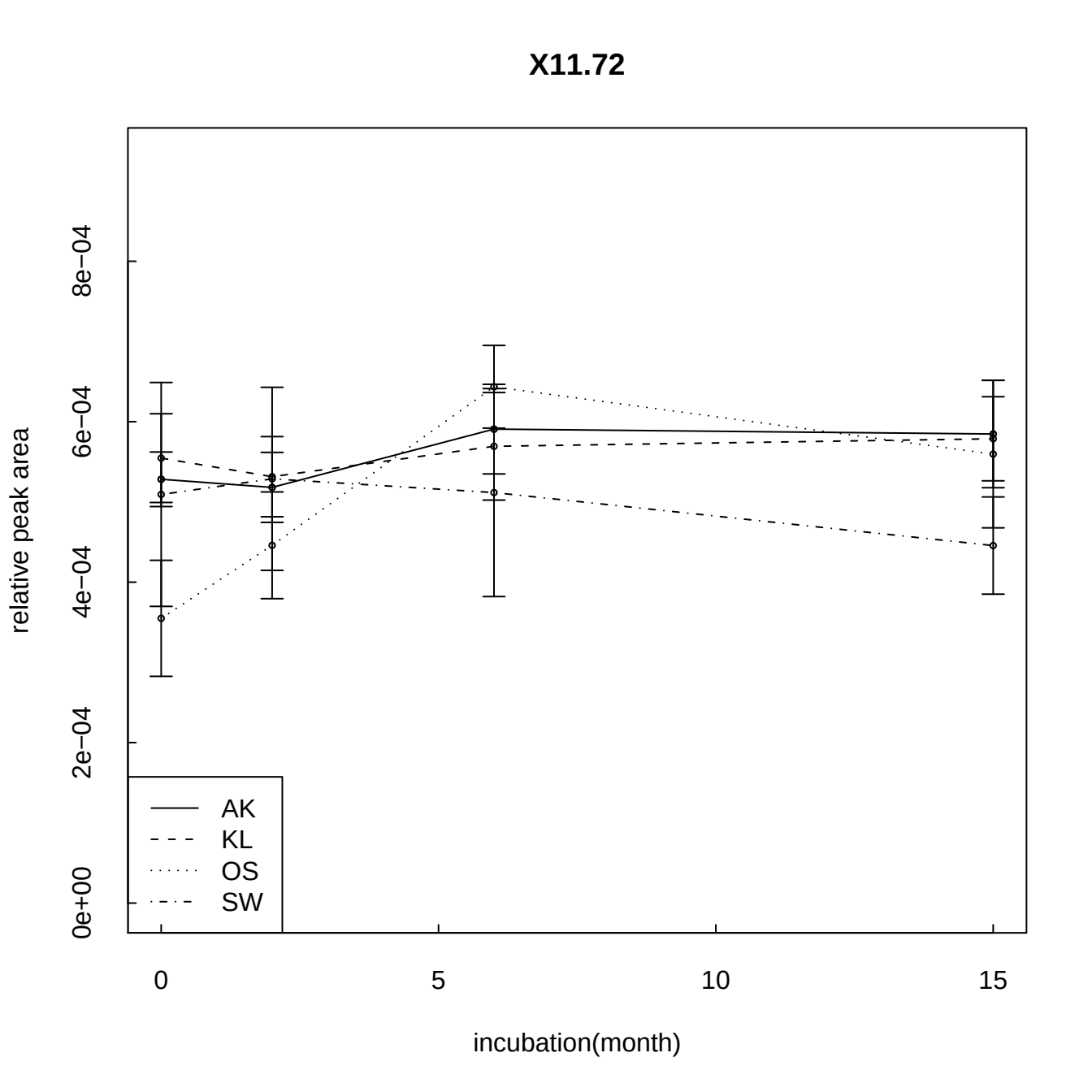

X10.35
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0
5
10
15
incubation(month)
AK
KL
OS **
SW

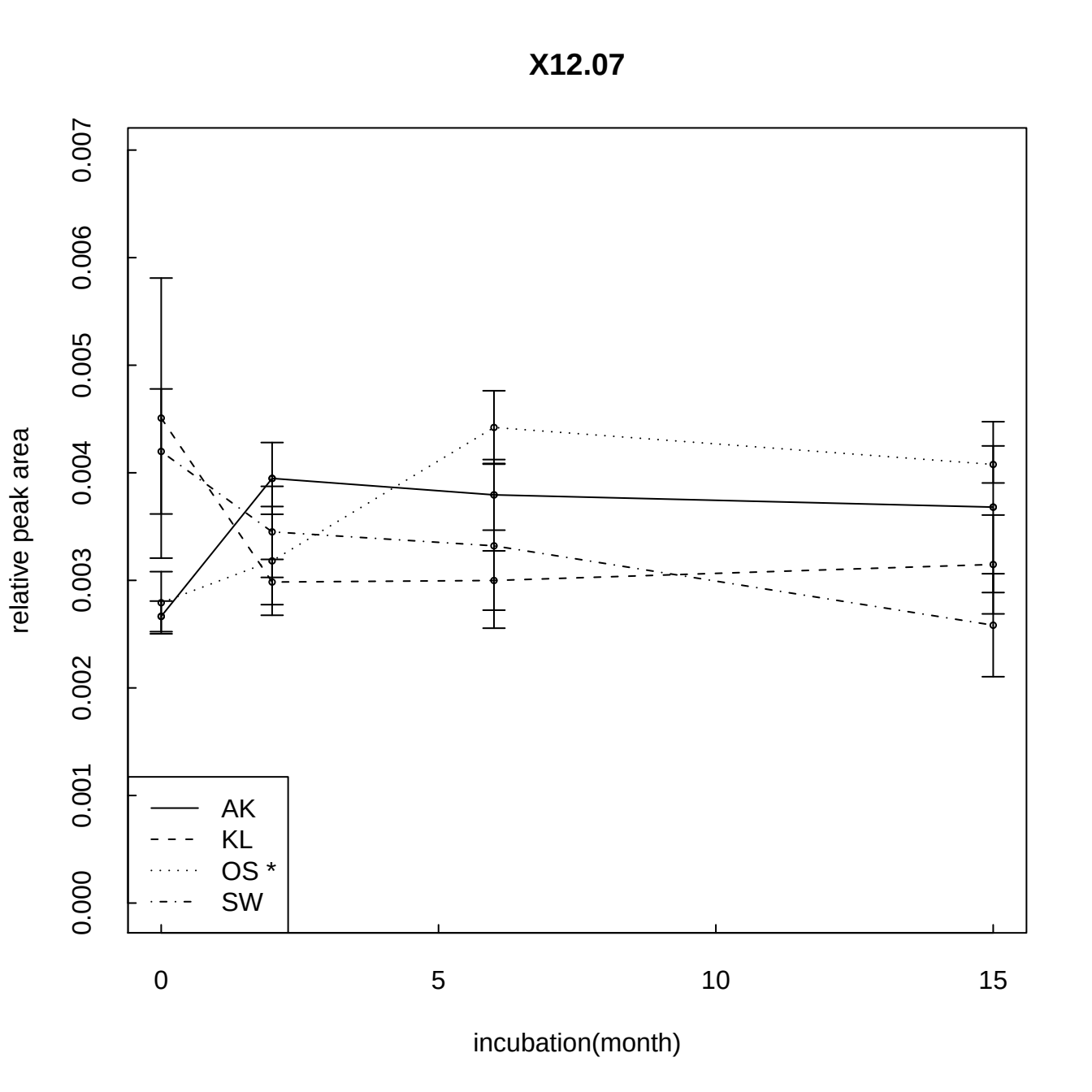

X10.72
*
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
AK
KL
OS
SW *
0
5
10
15
incubation(month)

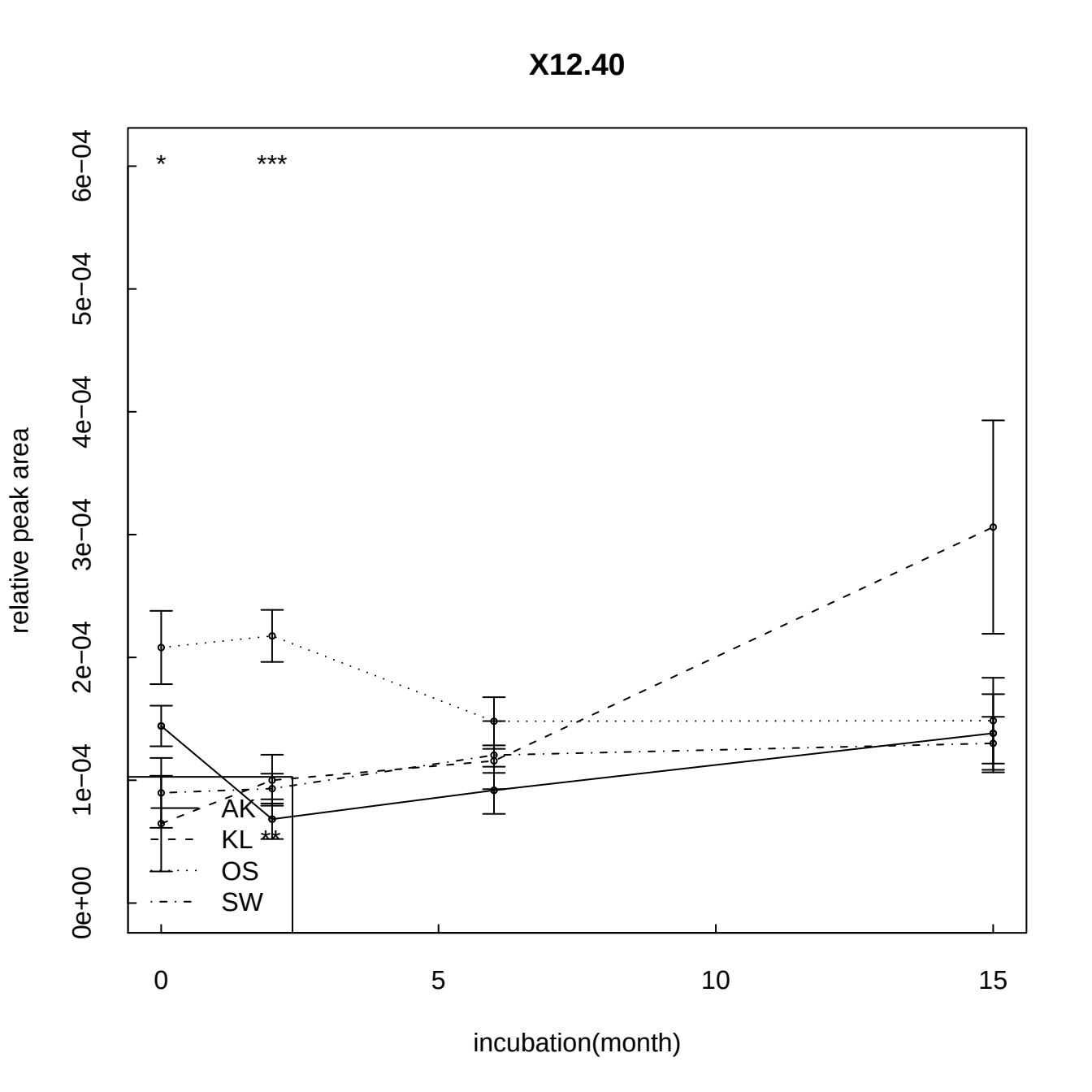

X11.09
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0
5
10
15
incubation(month)
AK
KL
OS
SW

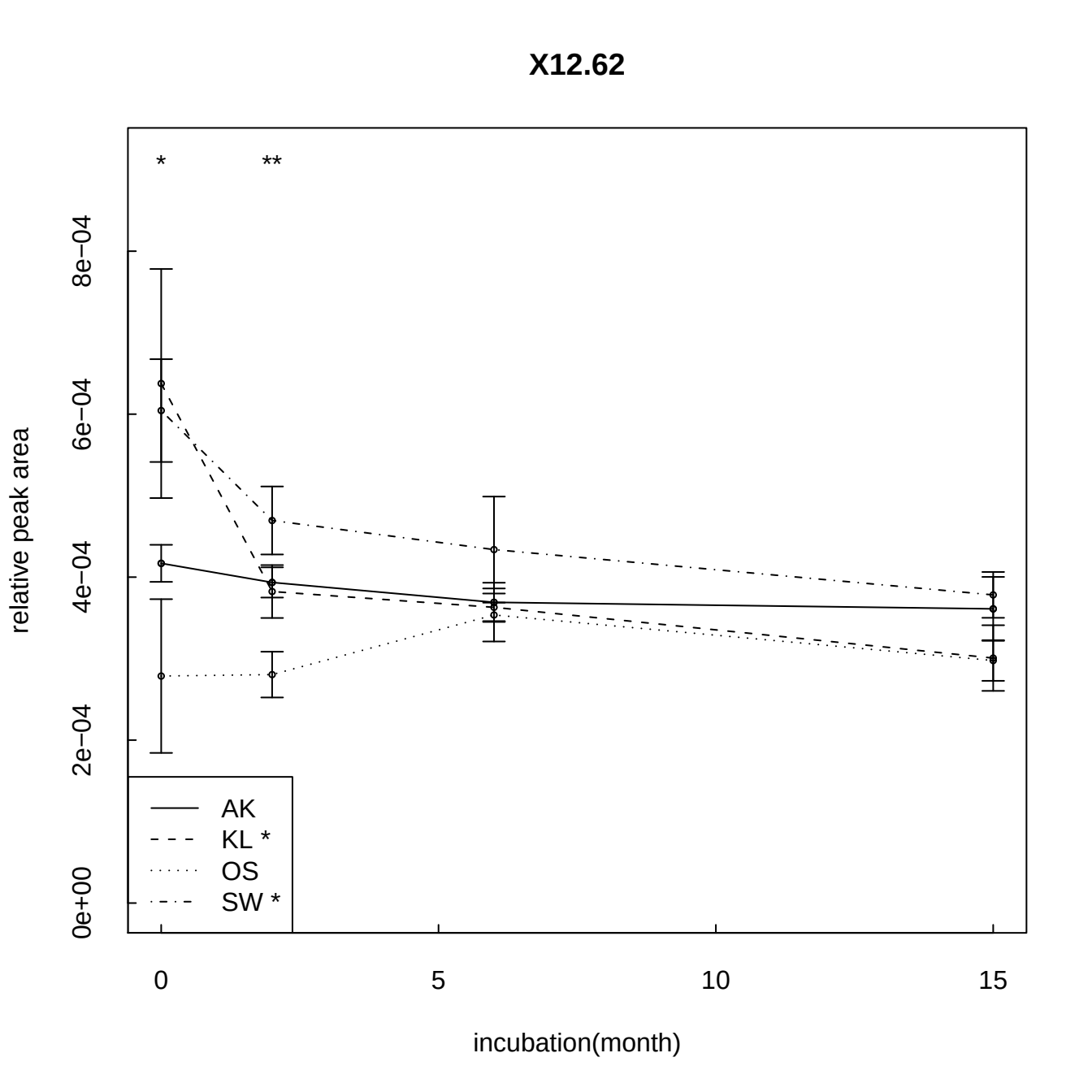

X11.40
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0
5
10
15
incubation(month)
AK
KL
OS *
SW

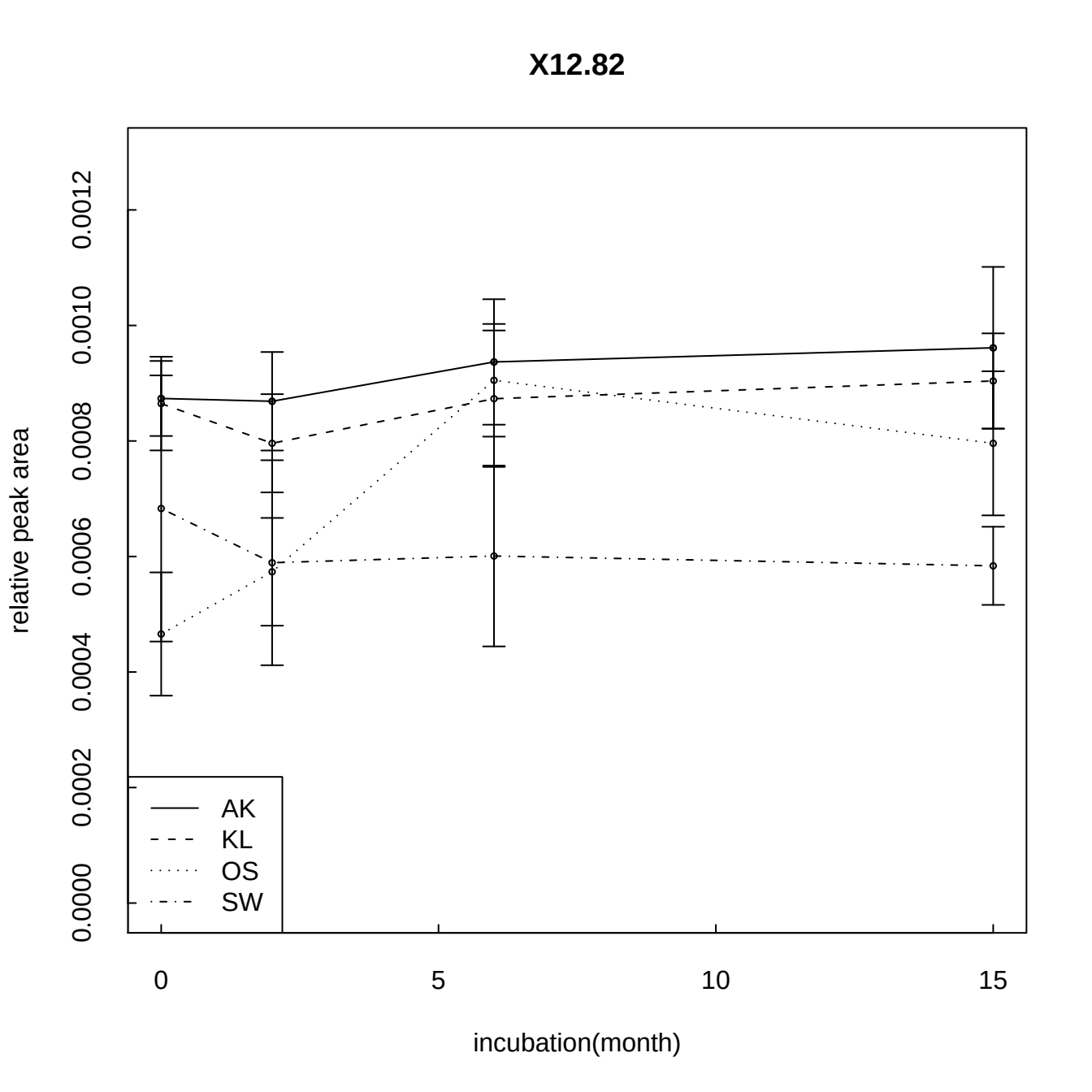

X11.63
*
***
0.020
0.015
0.010
0.005
0.000
relative peak area
AK
KL
OS **
SW
0
5
10
15
incubation(month)

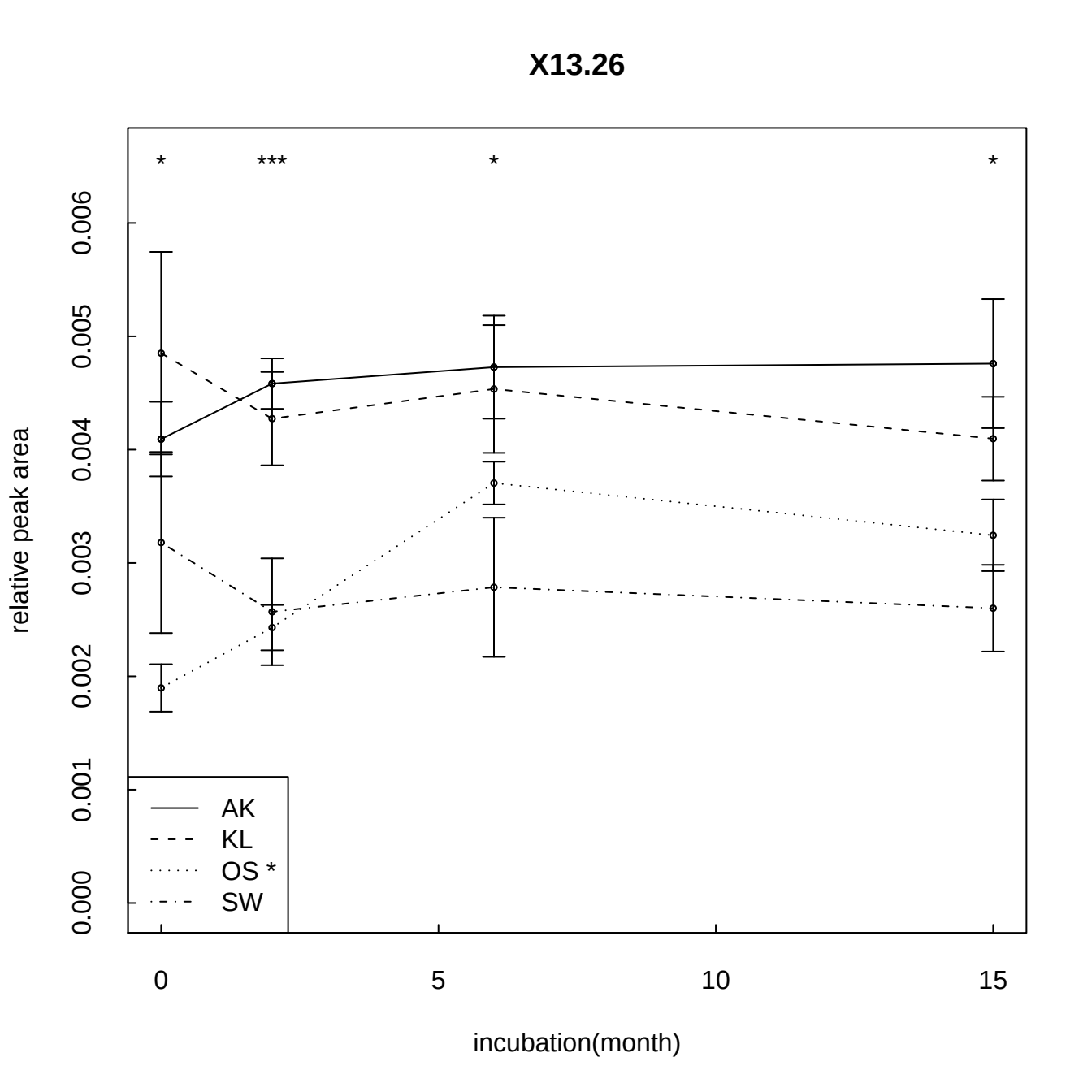

X11.72
relative peak area
0e+00
2e−04
4e−04
6e−04
8e−04
0
5
10
15
incubation(month)
AK
KL
OS
SW

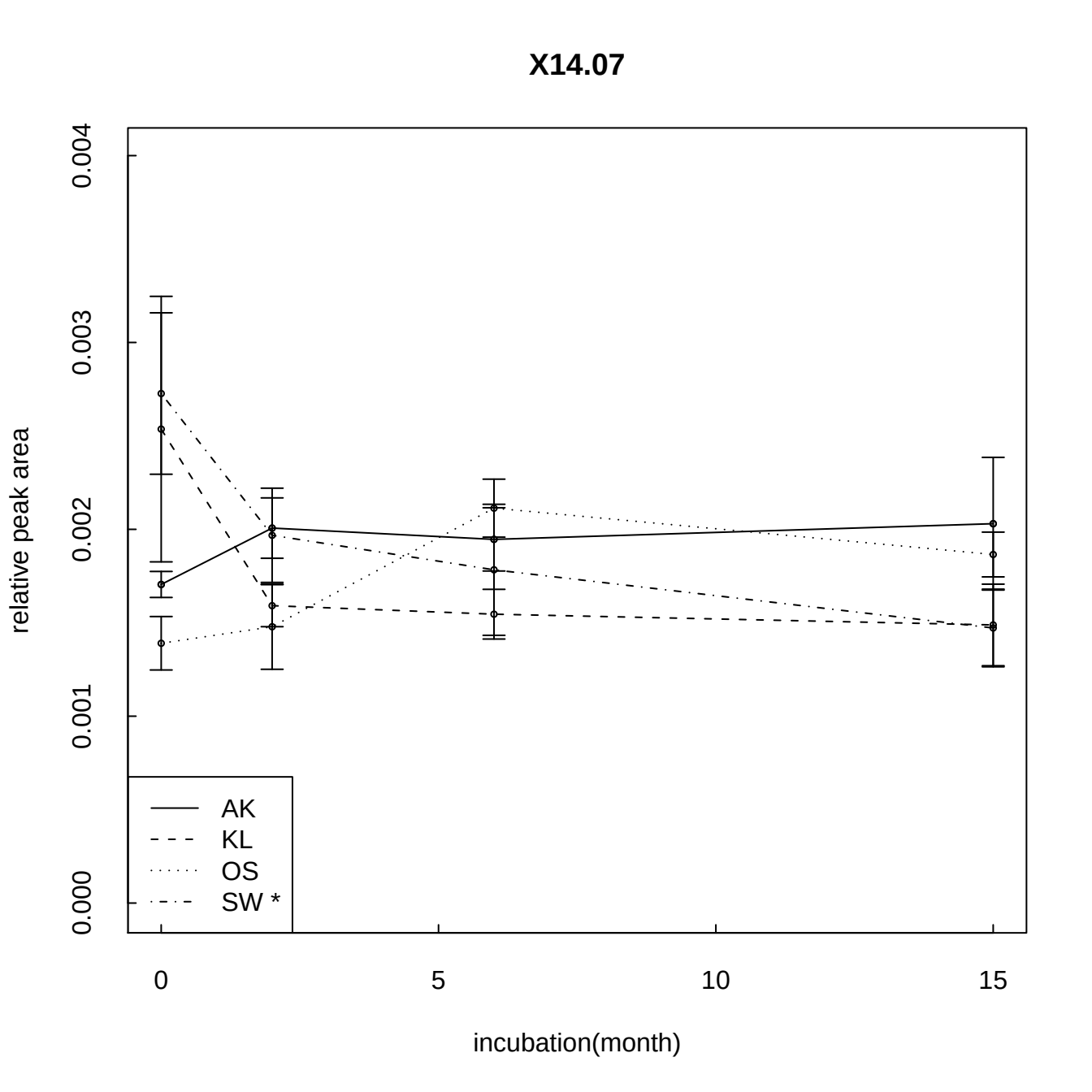

X12.07
relative peak area
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
0
5
10
15
incubation(month)
AK
KL
OS *
SW

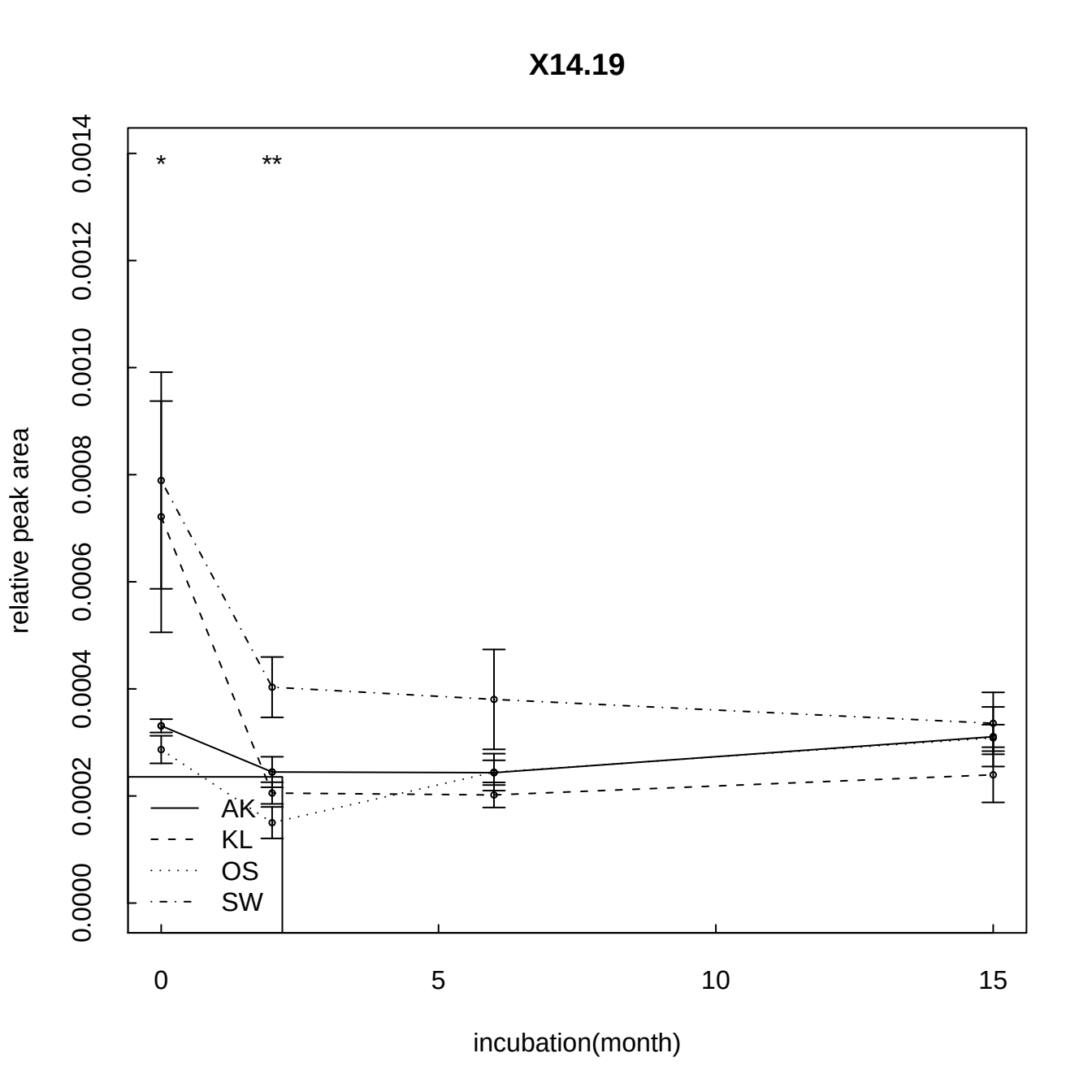

X12.40
relative peak area
0e+00
1e−04
2e−04
3e−04
4e−04
5e−04
6e−04
*
***
**
ĀK
KL
OS
SW
0
5
10
15
incubation(month)

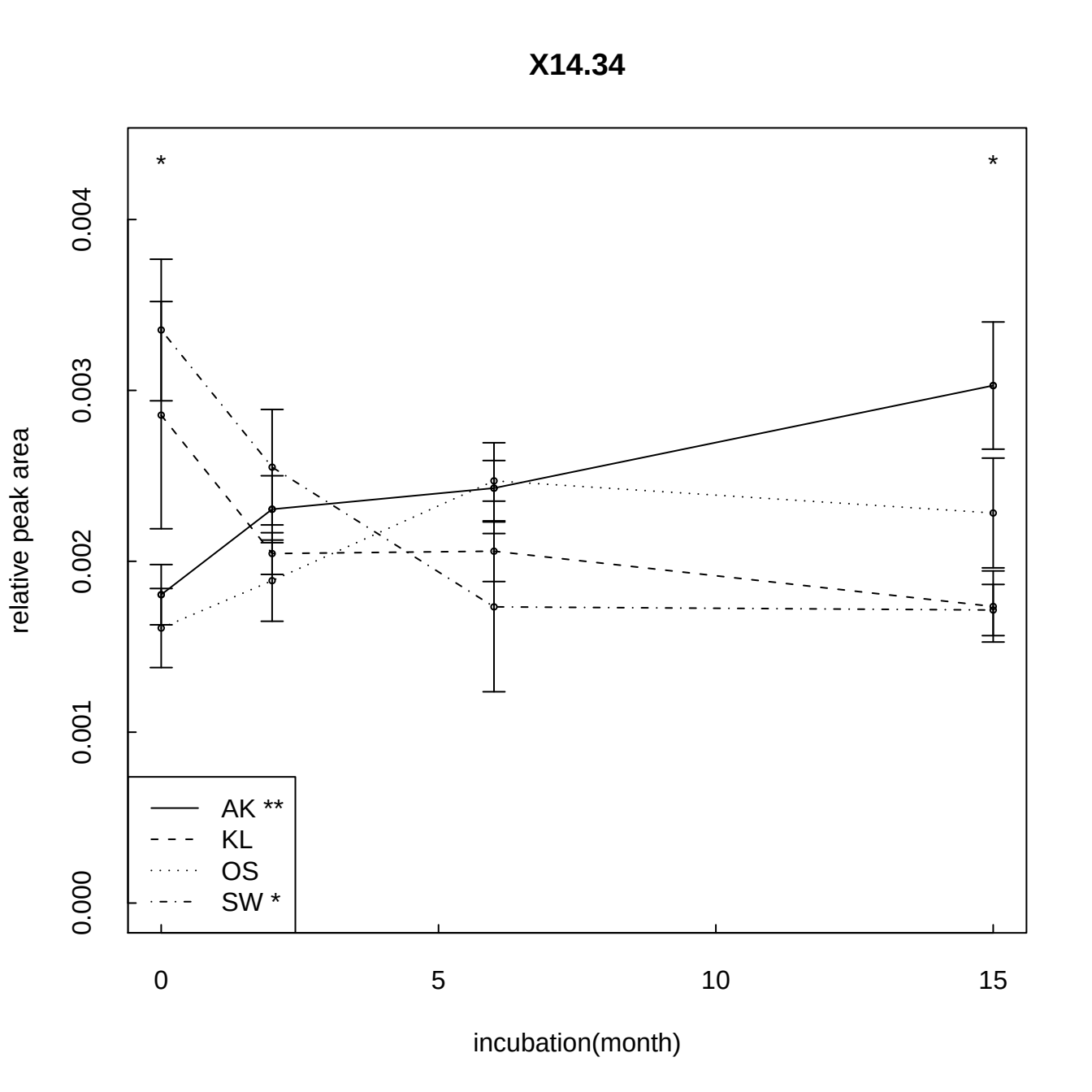

X12.62
*
**
relative peak area
0e+00
2e−04
4e−04
6e−04
8e−04
0
5
10
15
incubation(month)
AK
KL *
OS
SW *

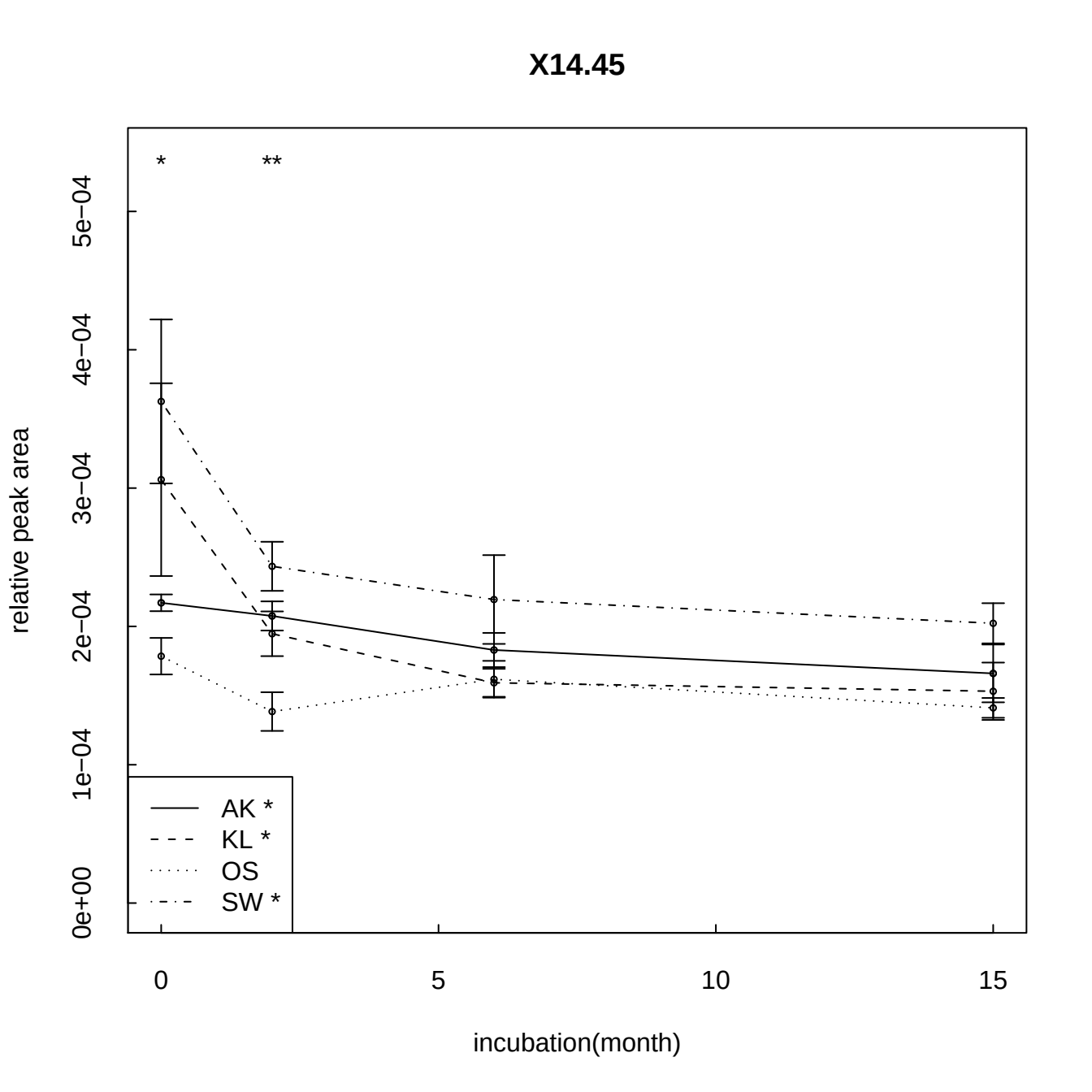

X12.82
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0
5
10
15
incubation(month)
AK
KL
OS
SW

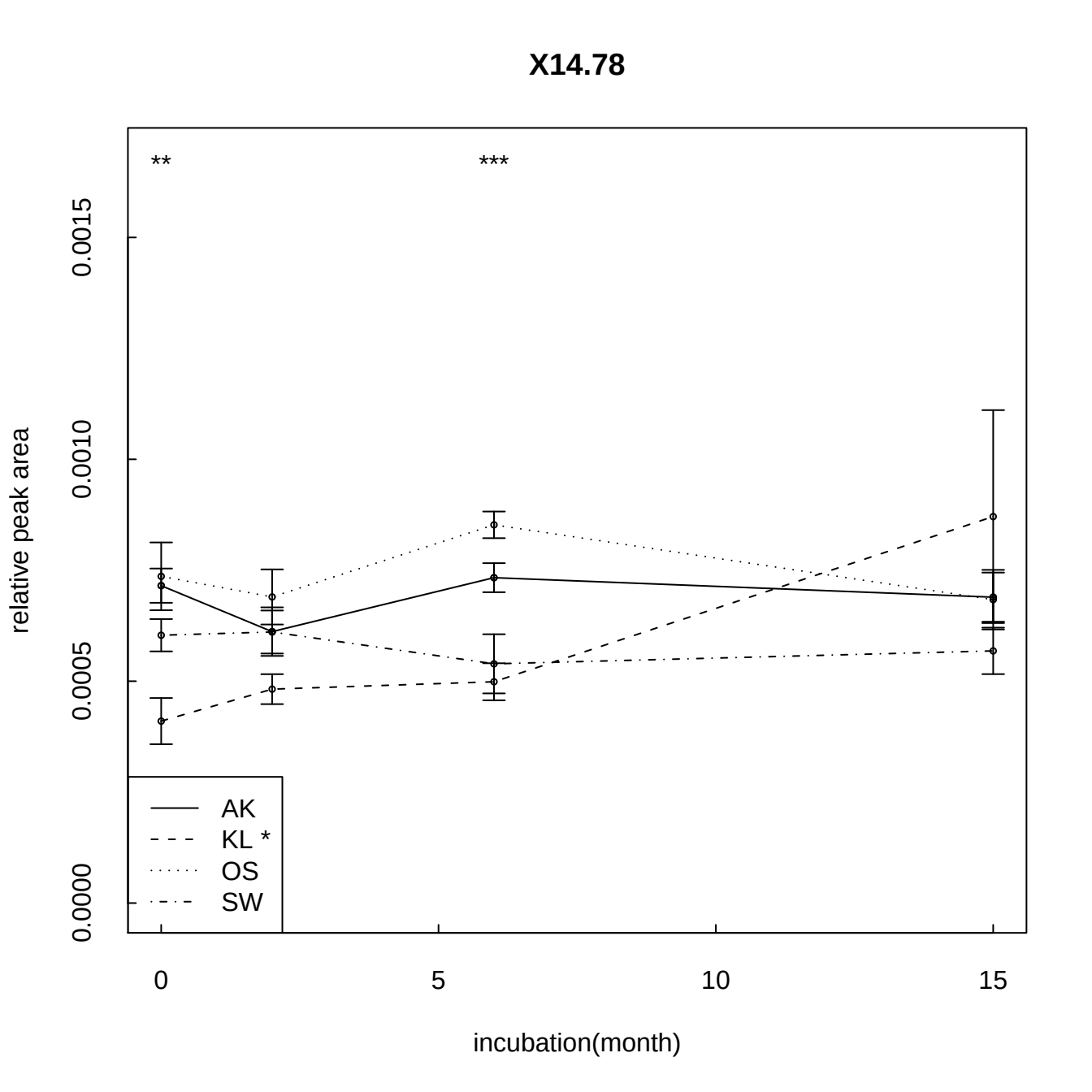

X13.26
*
***
*
*
0.000
0.001
0.002
0.003
0.004
0.005
0.006
relative peak area
AK
KL
OS *
SW
0
5
10
15
incubation(month)

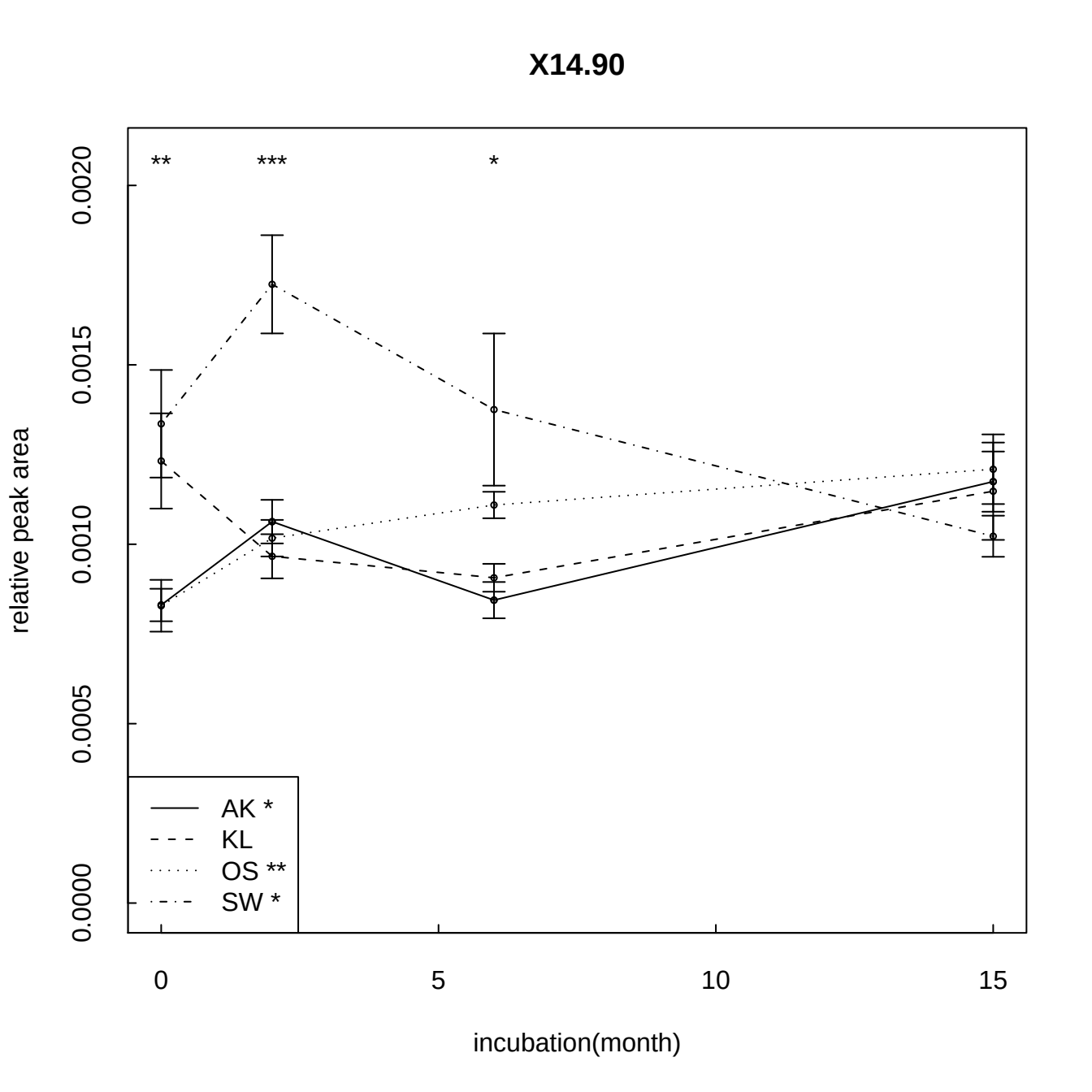

X14.07
relative peak area
0.000
0.001
0.002
0.003
0.004
0
5
10
15
incubation(month)
AK
KL
OS
SW *

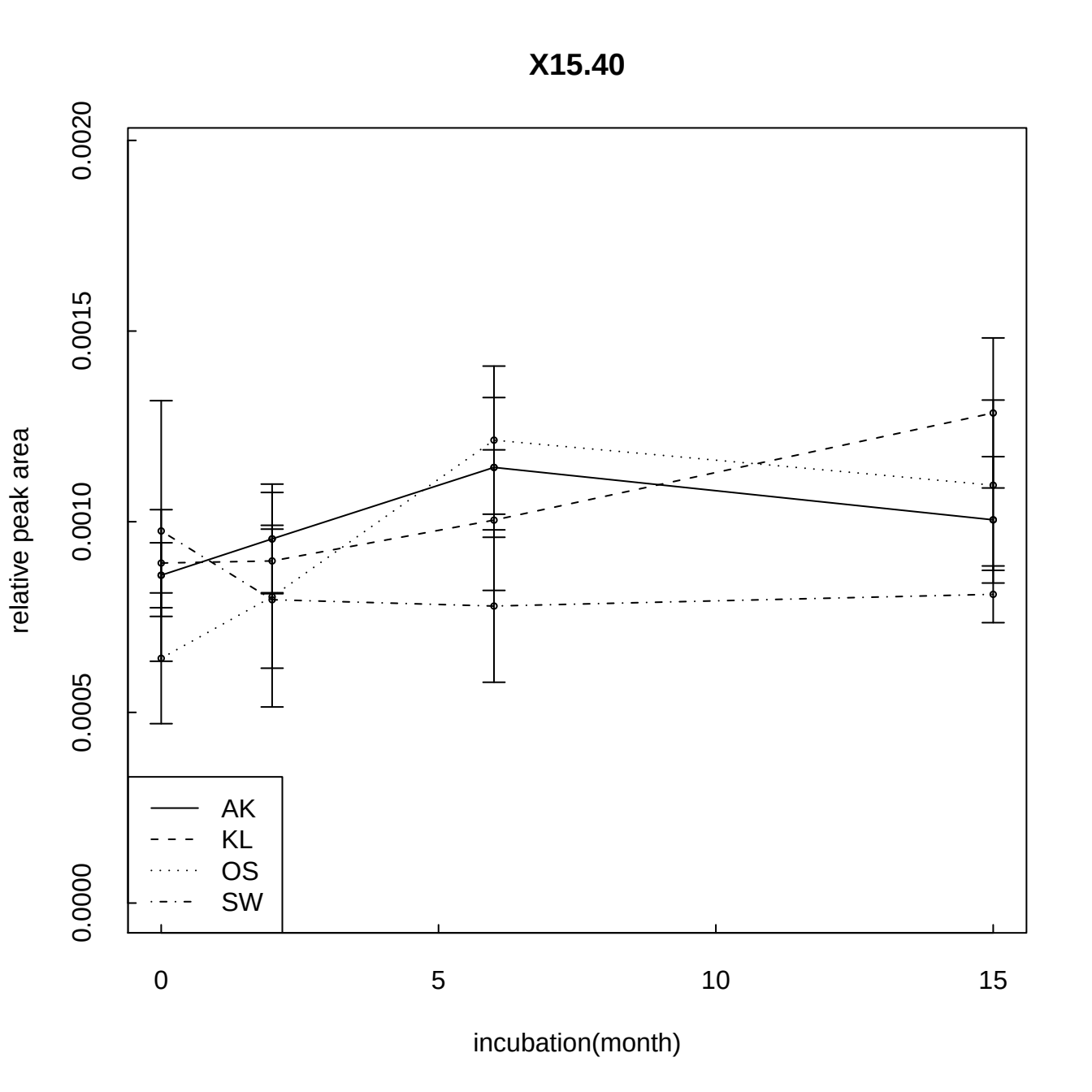

X14.19
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0.0014
*
**
AK
KL
OS
SW
0
5
10
15
incubation(month)

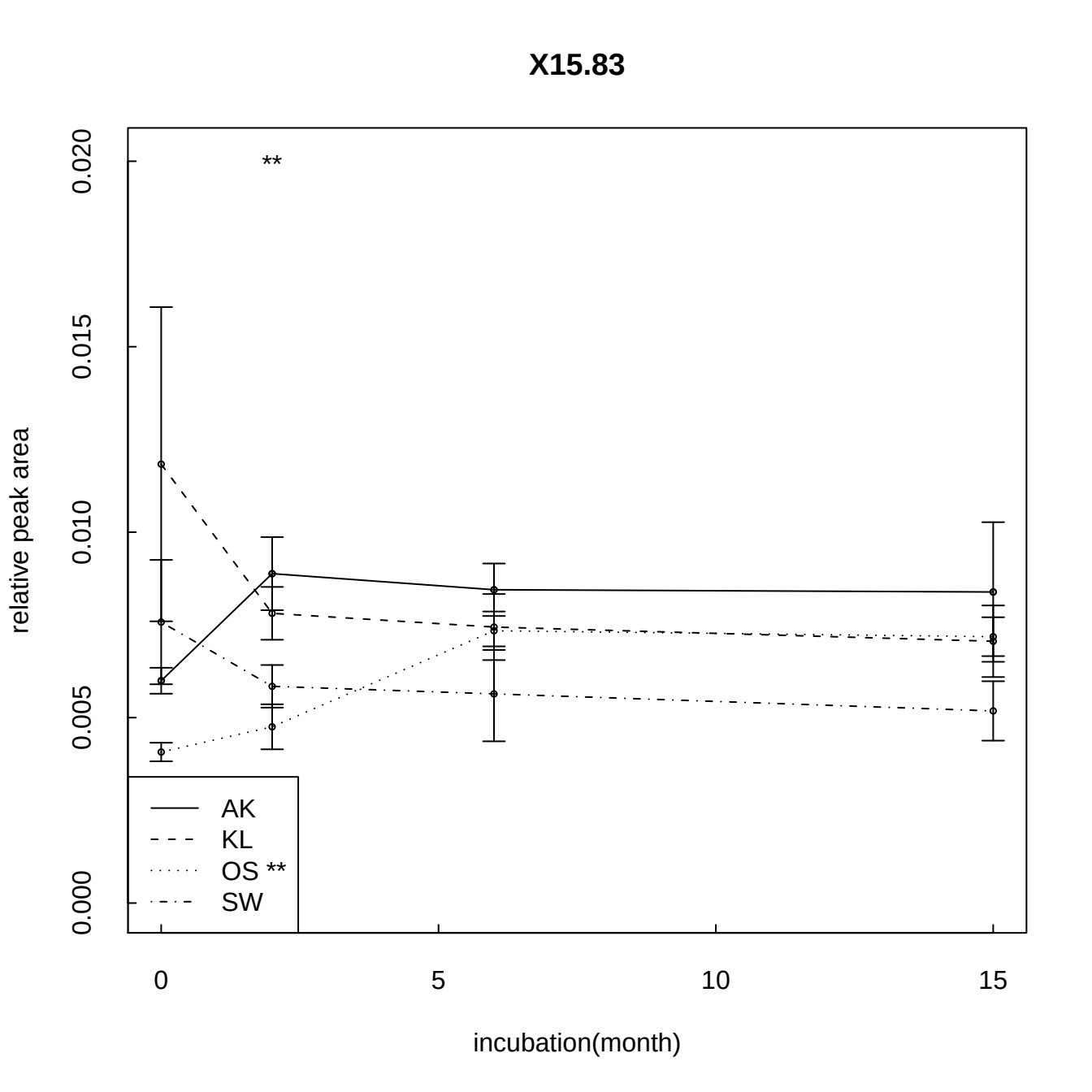

X14.34
relative peak area
0.000
0.001
0.002
0.003
0.004
*
*
AK **
KL
OS
SW *
0
5
10
15
incubation(month)

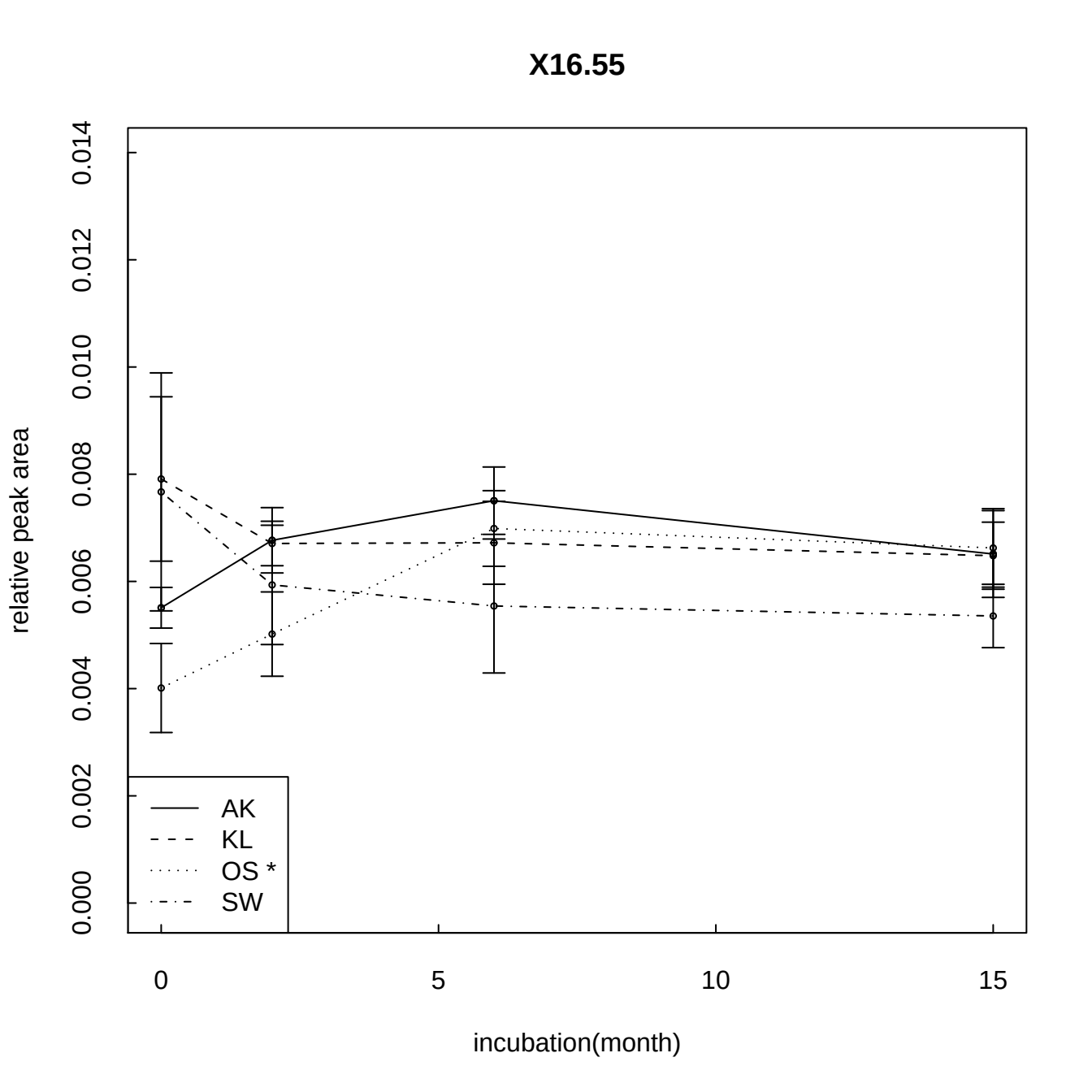

X14.45
*
**
5e−04
4e−04
3e−04
2e−04
1e−04
0e+00
relative peak area
AK *
KL *
OS
SW *
0
5
10
15
incubation(month)

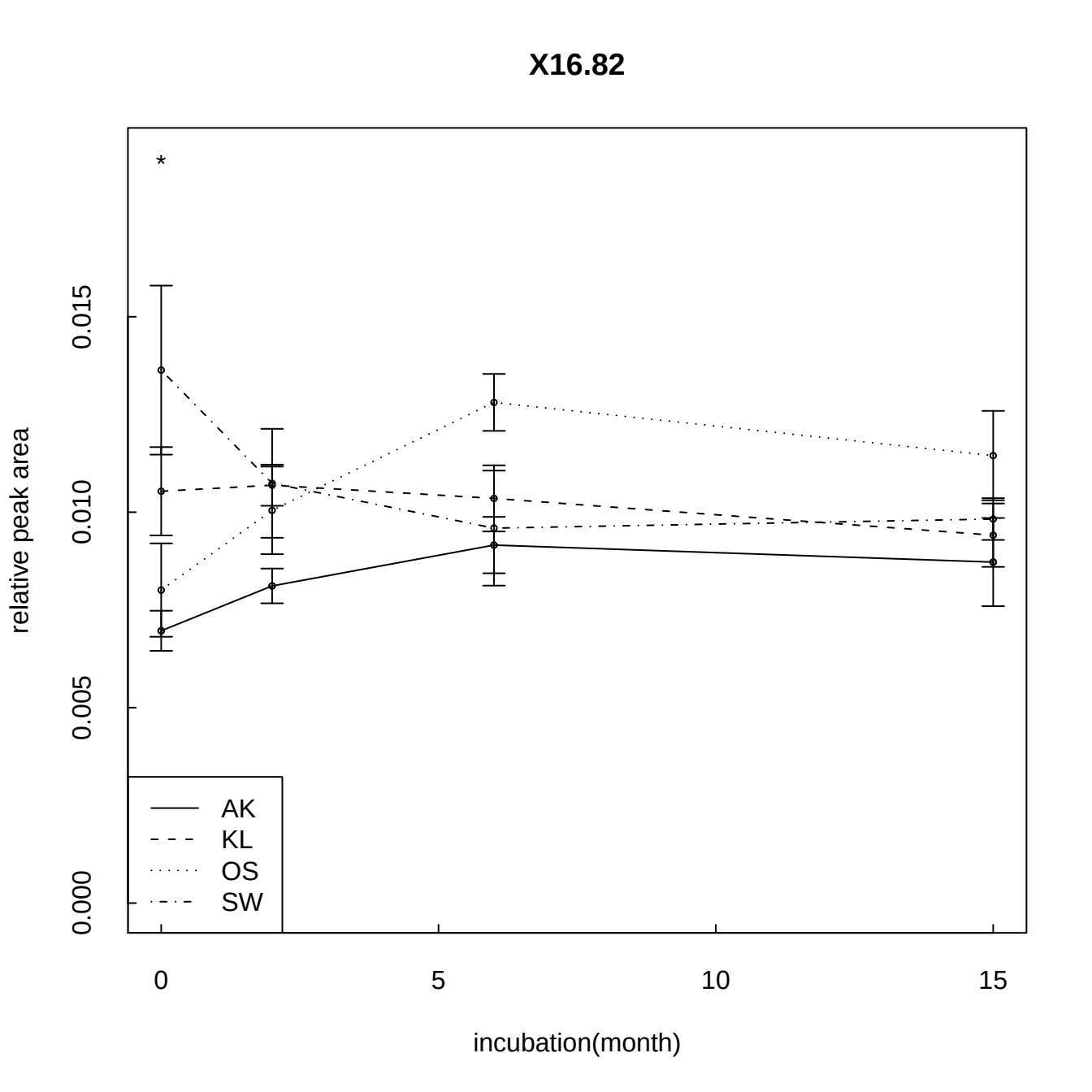

X14.78
**
***
relative peak area
0.0000
0.0005
0.0010
0.0015
0
5
10
15
incubation(month)
AK
KL *
OS
SW

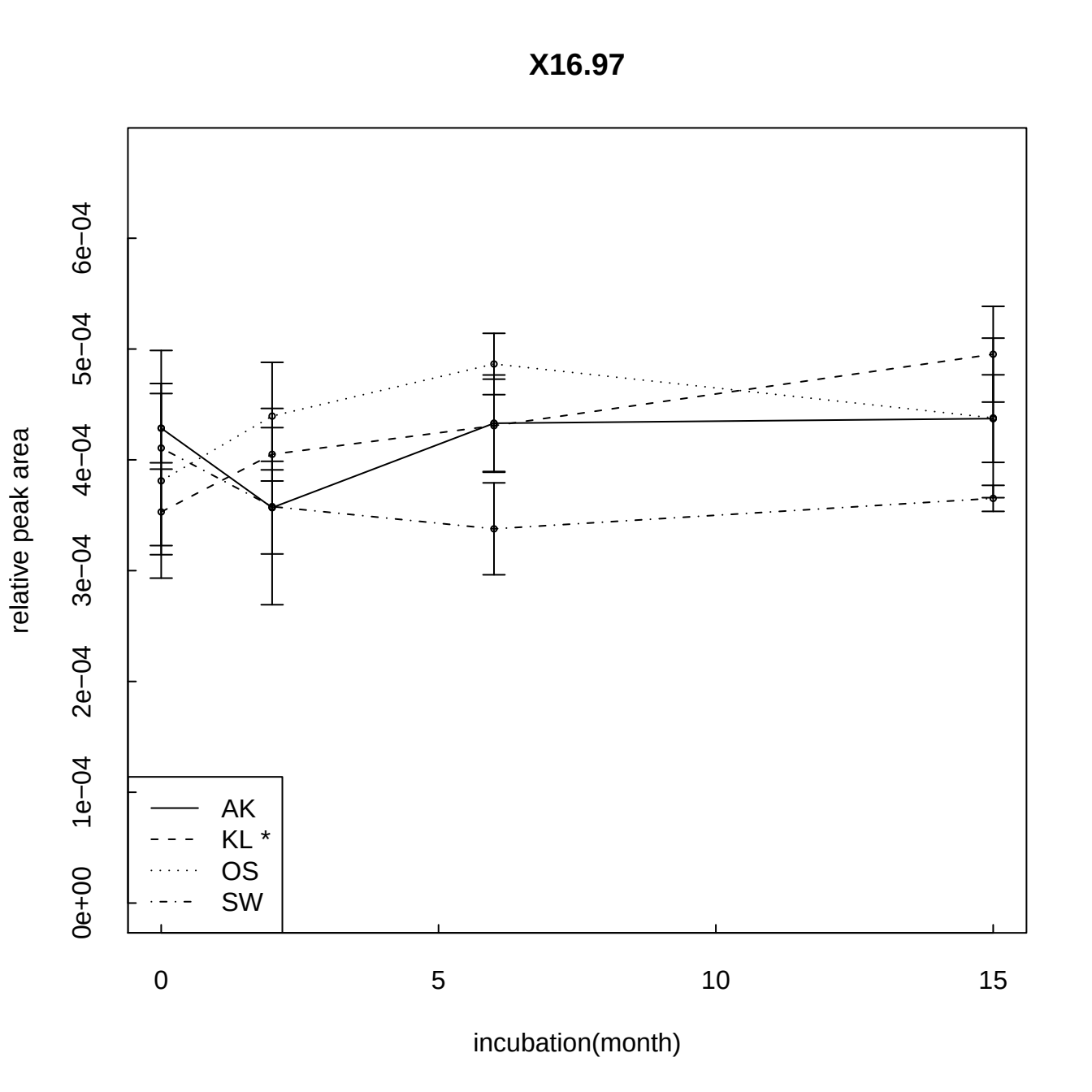

X14.90
**
***
*
0.0020
0.0015
0.0010
0.0005
0.0000
relative peak area
AK *
KL
OS **
SW *
0
5
10
15
incubation(month)

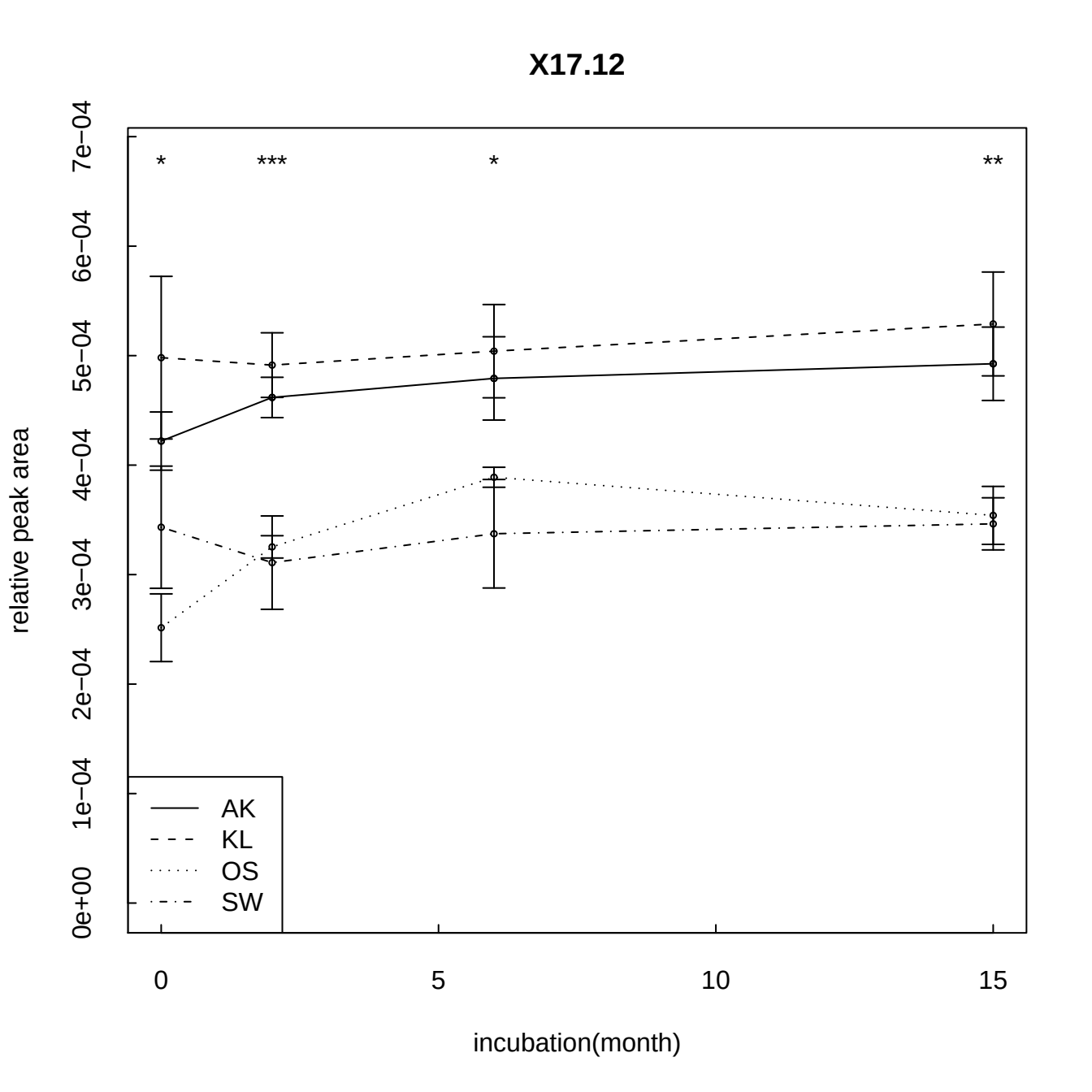

X15.40
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0
5
10
15
incubation(month)
AK
KL
OS
SW

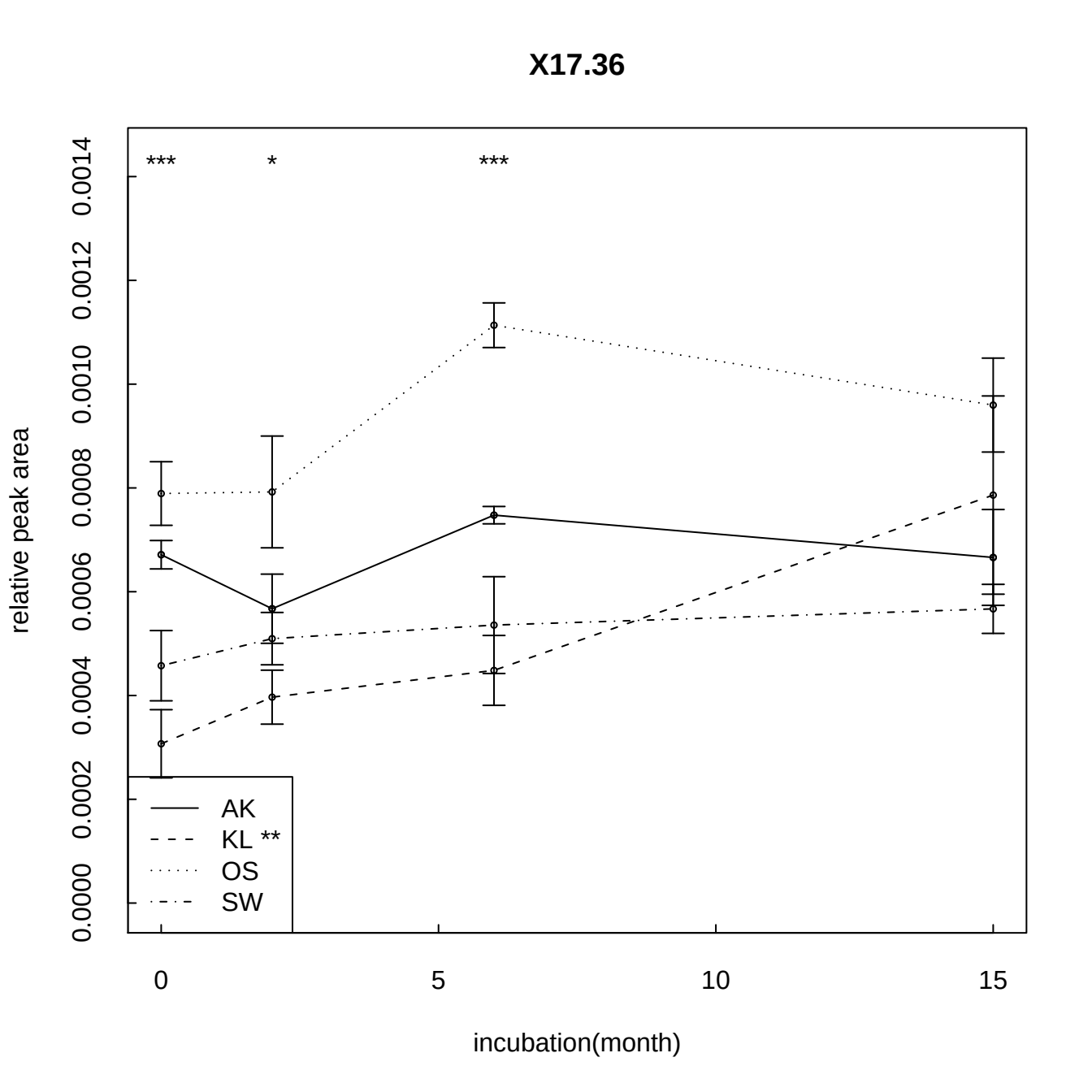

X15.83
**
0.020
0.015
0.010
0.005
0.000
relative peak area
AK
KL
OS **
SW
0
5
10
15
incubation(month)

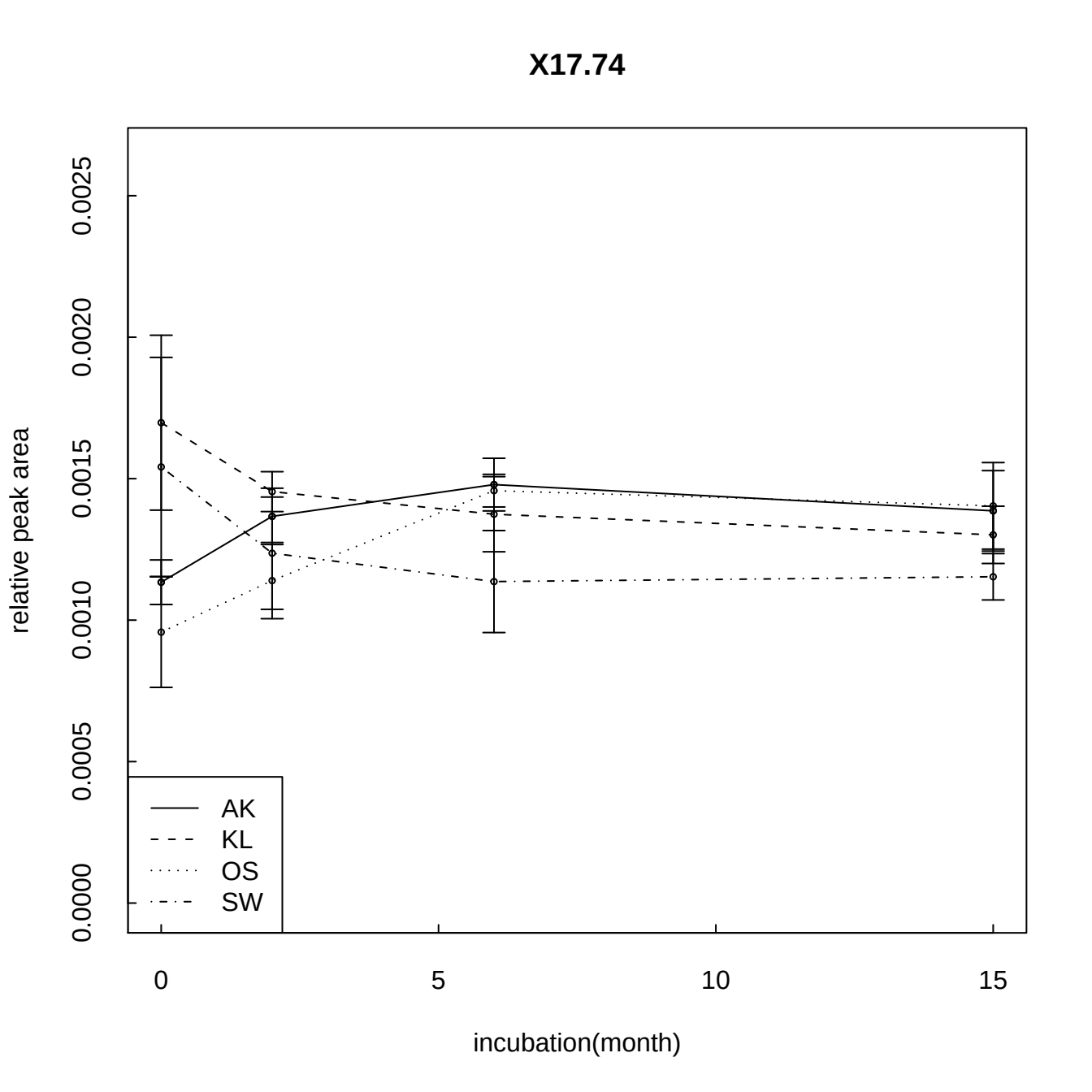

X16.55
relative peak area
0.000
0.002
0.004
0.006
0.008
0.010
0.012
0.014
0
5
10
15
incubation(month)
AK
KL
OS *
SW

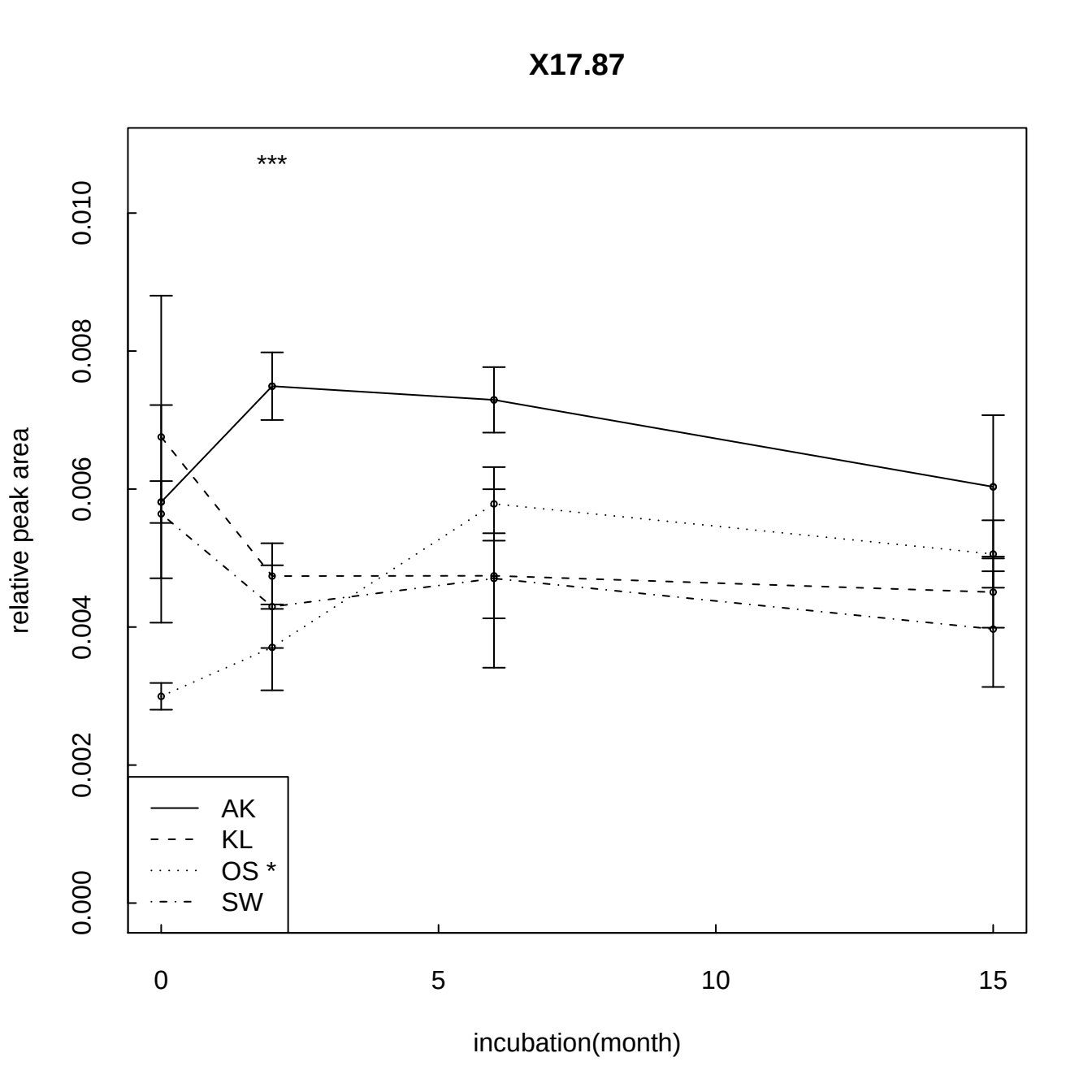

X16.82
*
relative peak area
0.000
0.005
0.010
0.015
0
5
10
15
incubation(month)
AK
KL
OS
SW

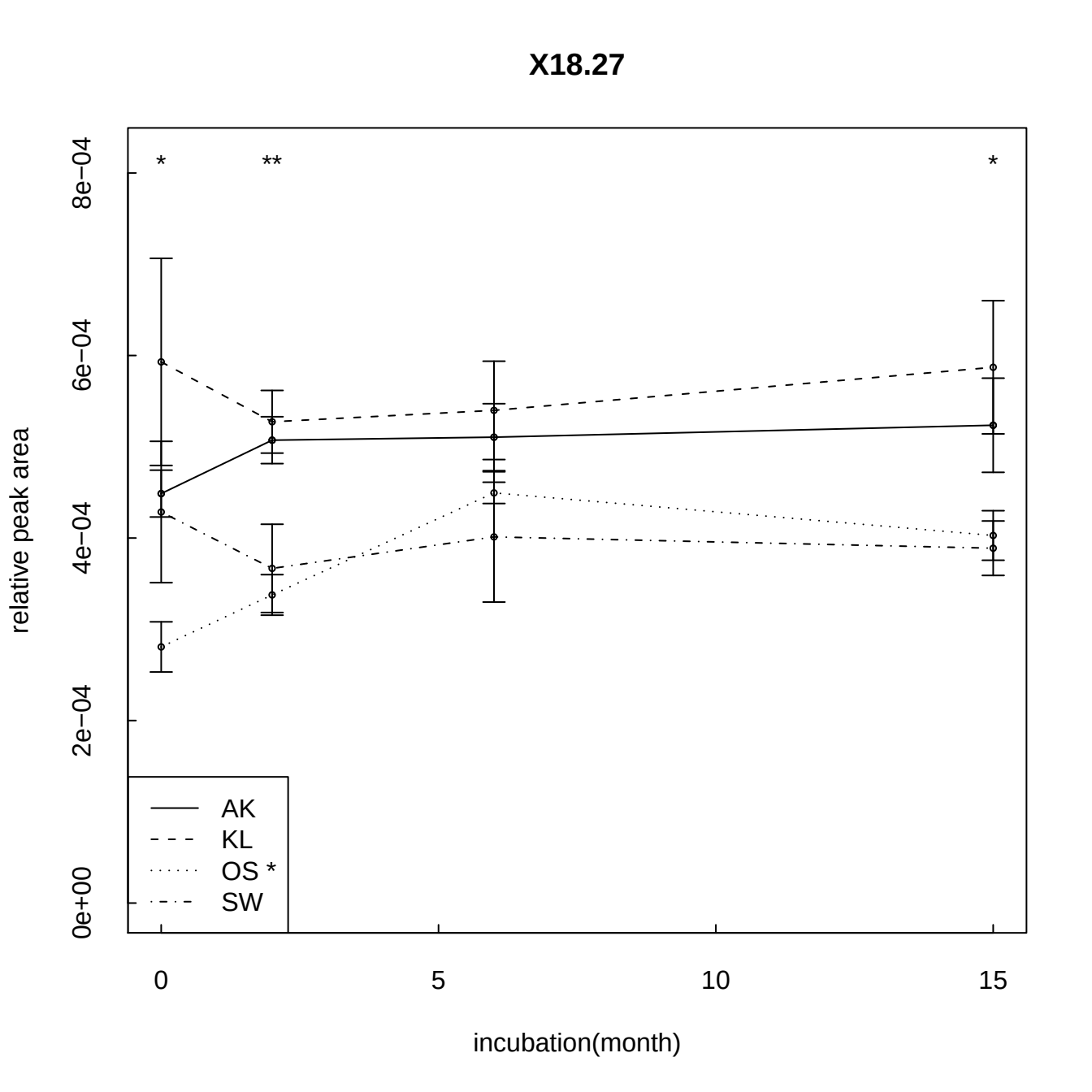

X16.97
relative peak area
0e+00
1e−04
2e−04
3e−04
4e−04
5e−04
6e−04
0
5
10
15
incubation(month)
AK
KL *
OS
SW

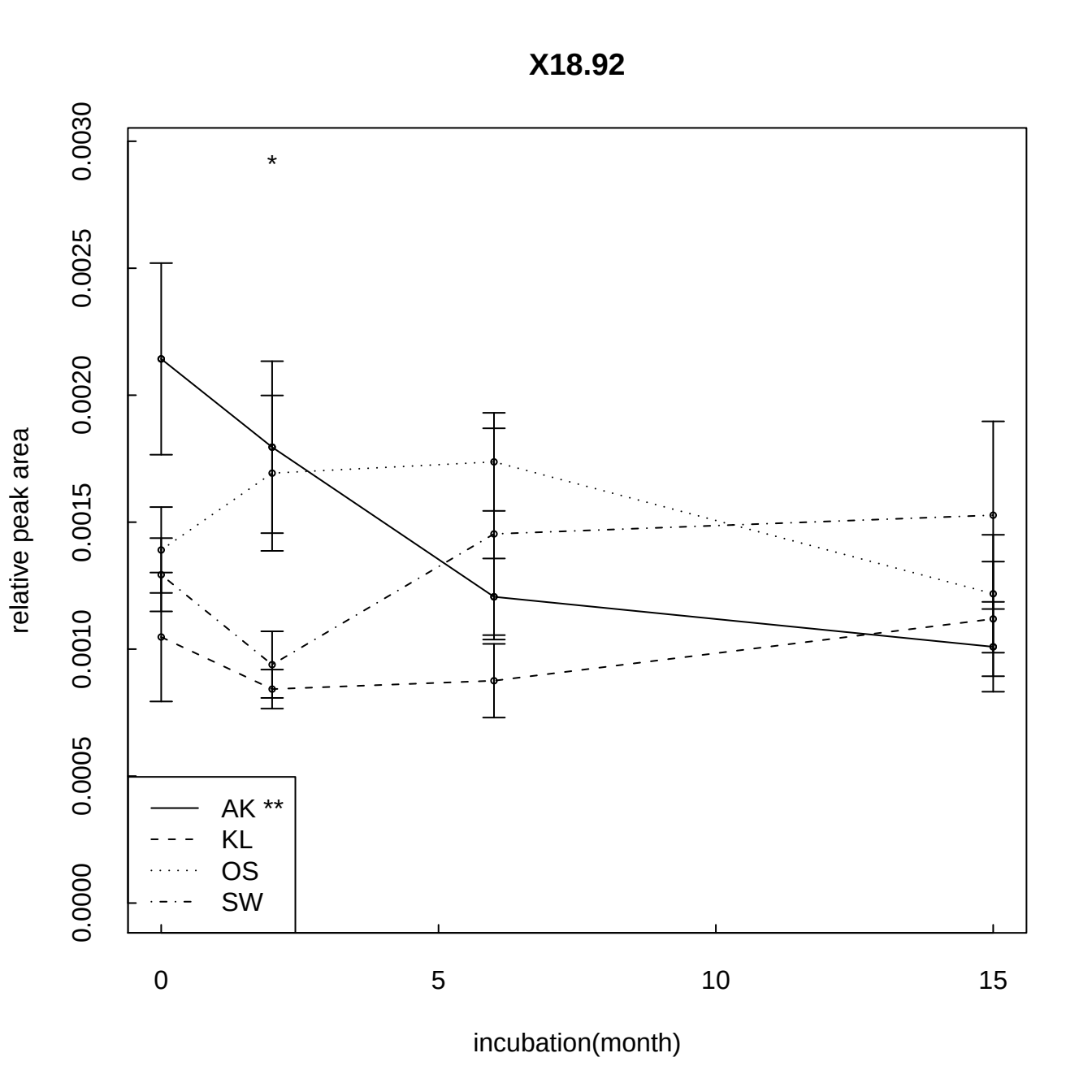

X17.12
relative peak area
0e+00
1e−04
2e−04
3e−04
4e−04
5e−04
6e−04
7e−04
*
***
*
**
AK
KL
OS
SW
0
5
10
15
incubation(month)

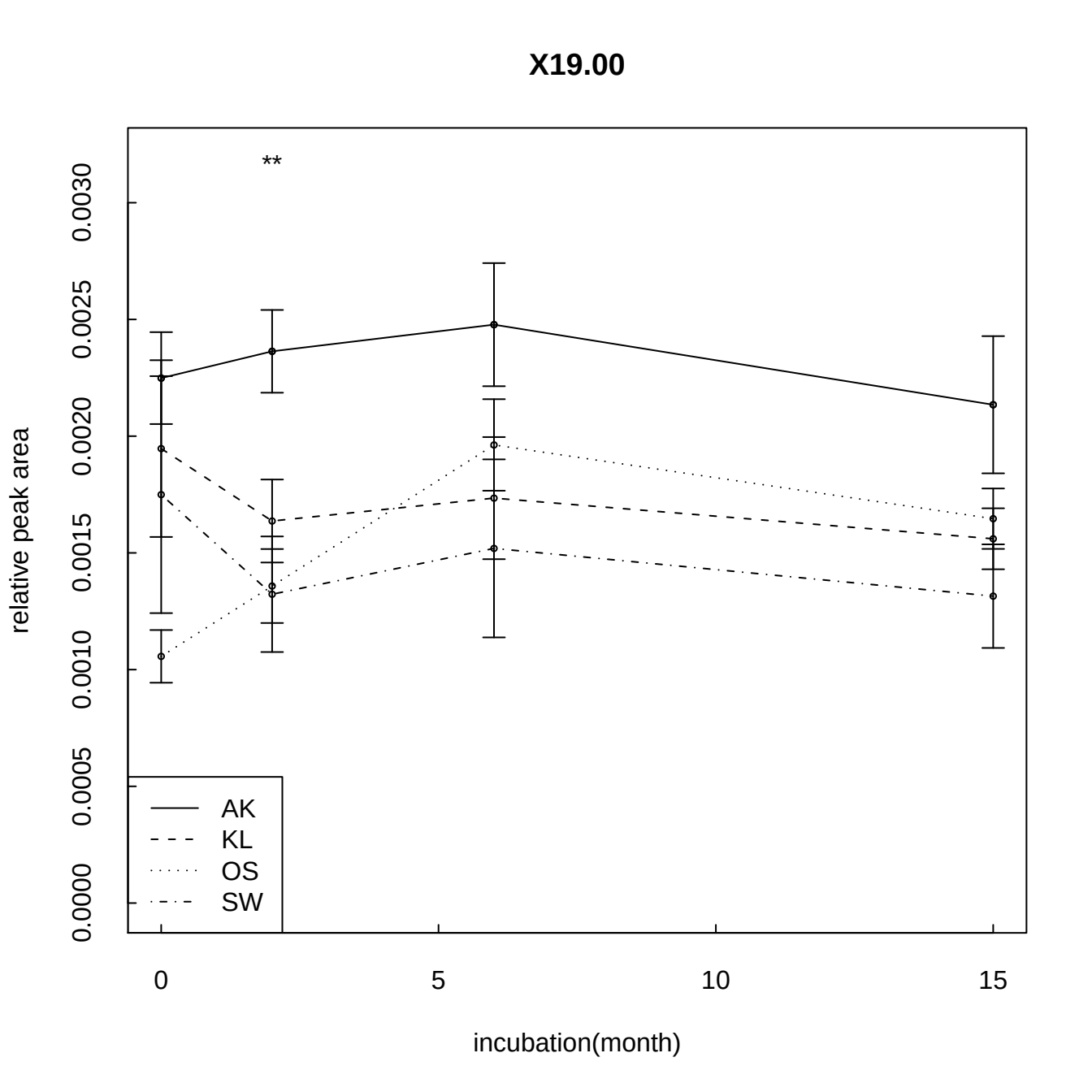

X17.36
***
*
***
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0.0014
AK
KL **
OS
SW
0
5
10
15
incubation(month)

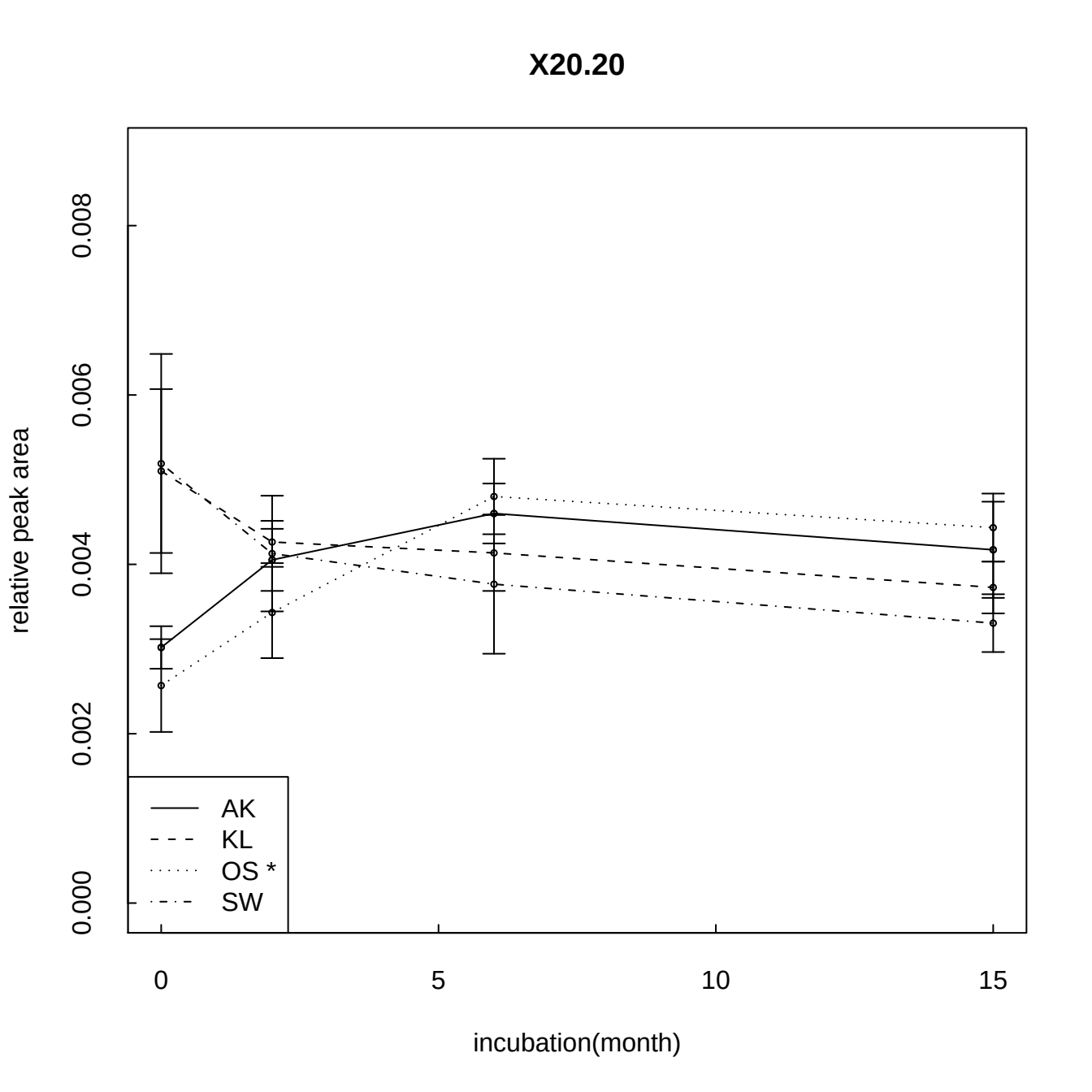

X17.74
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0
5
10
15
incubation(month)
AK
KL
OS
SW

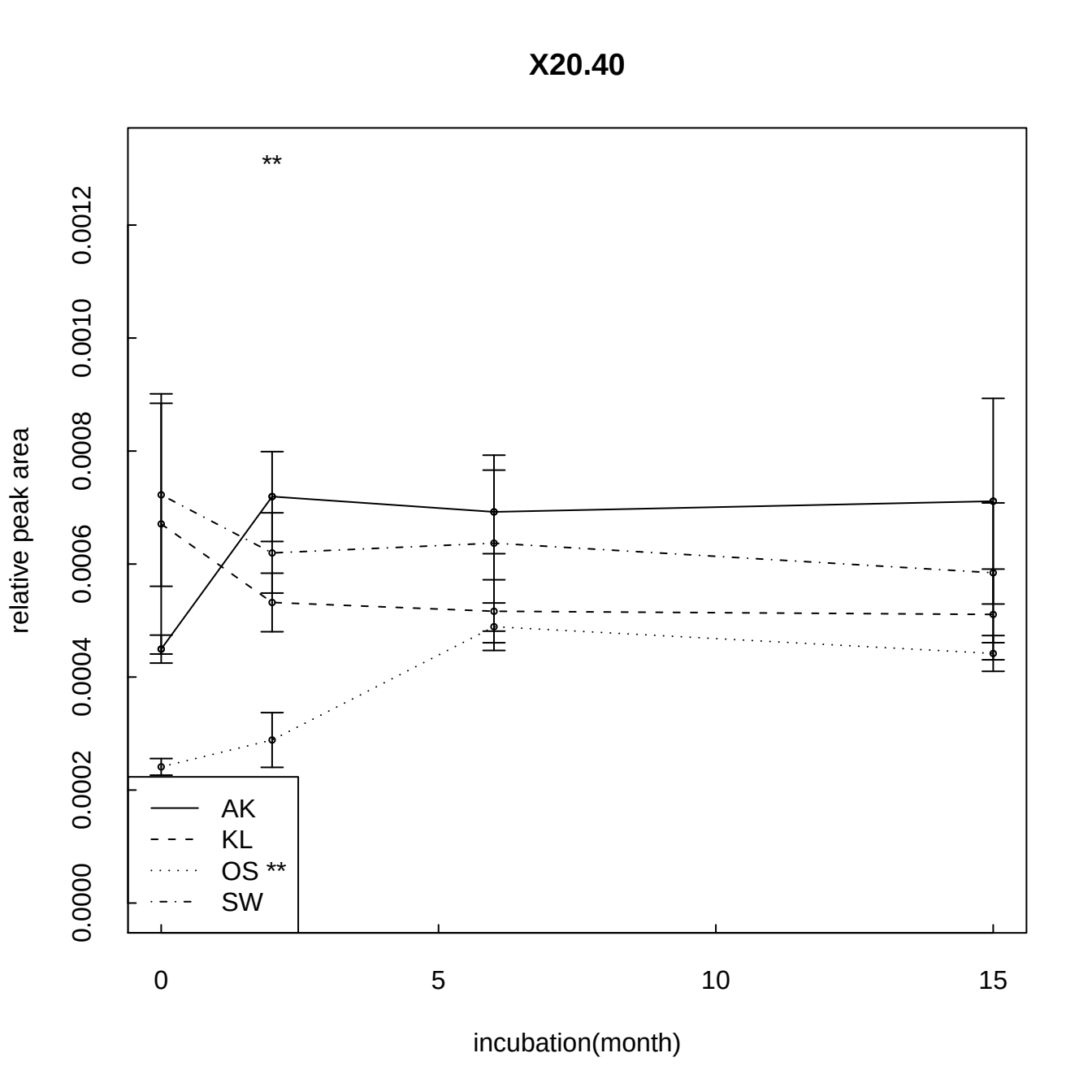

X17.87
***
relative peak area
0.000
0.002
0.004
0.006
0.008
0.010
0
5
10
15
incubation(month)
AK
KL
OS *
SW

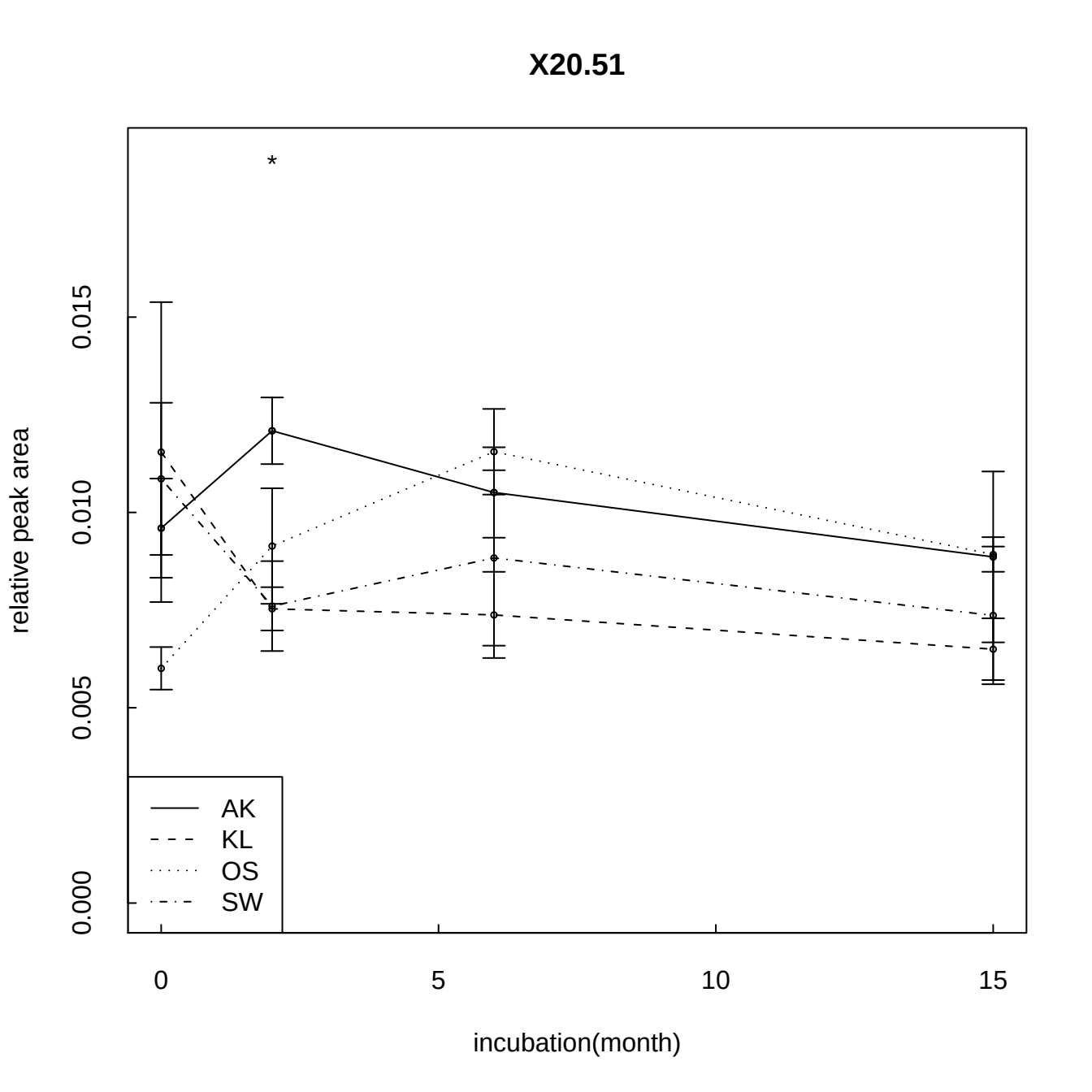

X18.27
relative peak area
0e+00
2e−04
4e−04
6e−04
8e−04
*
**
*
0
5
10
15
incubation(month)
AK
KL
OS *
SW

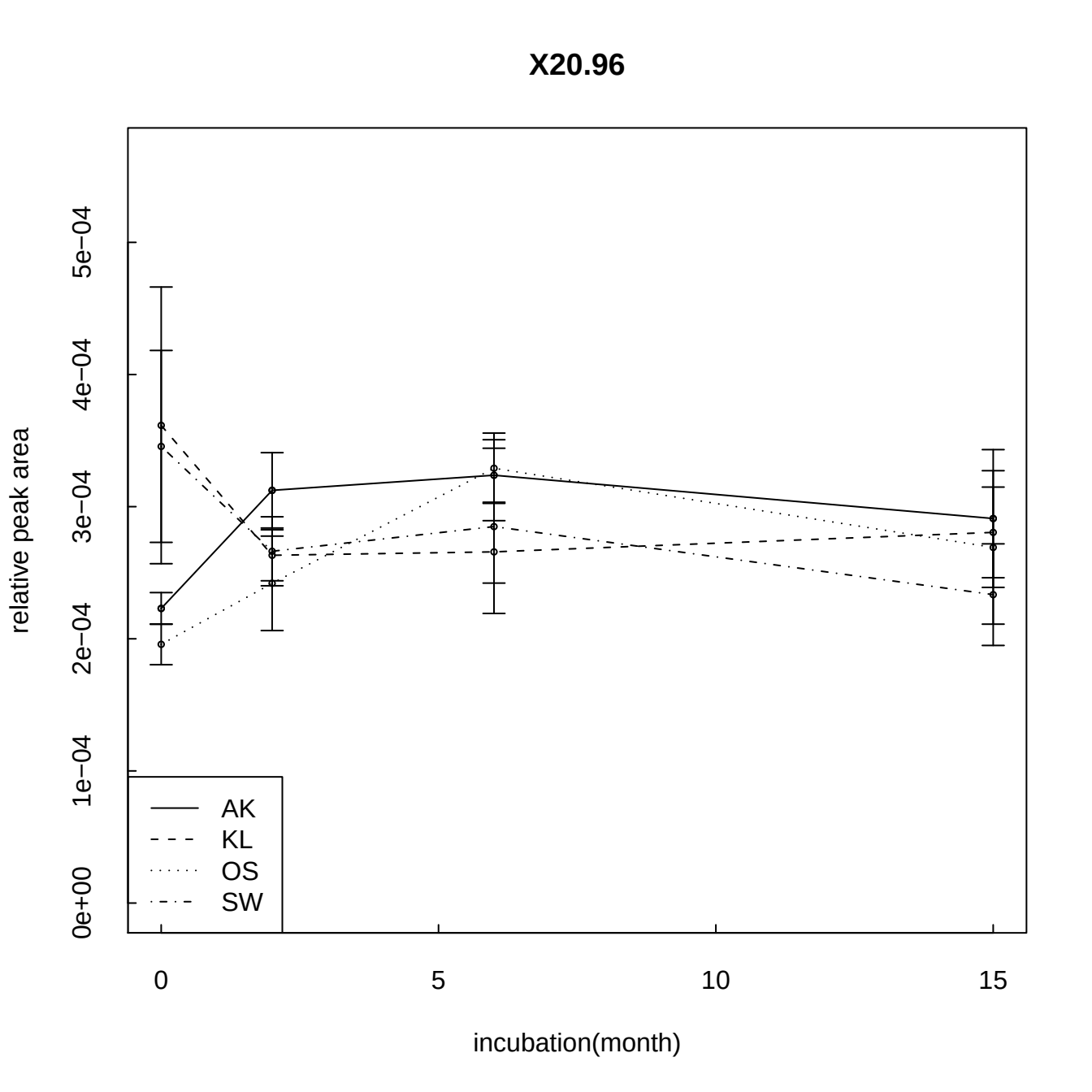

X18.92
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
*
AK **
KL
OS
SW
0
5
10
15
incubation(month)

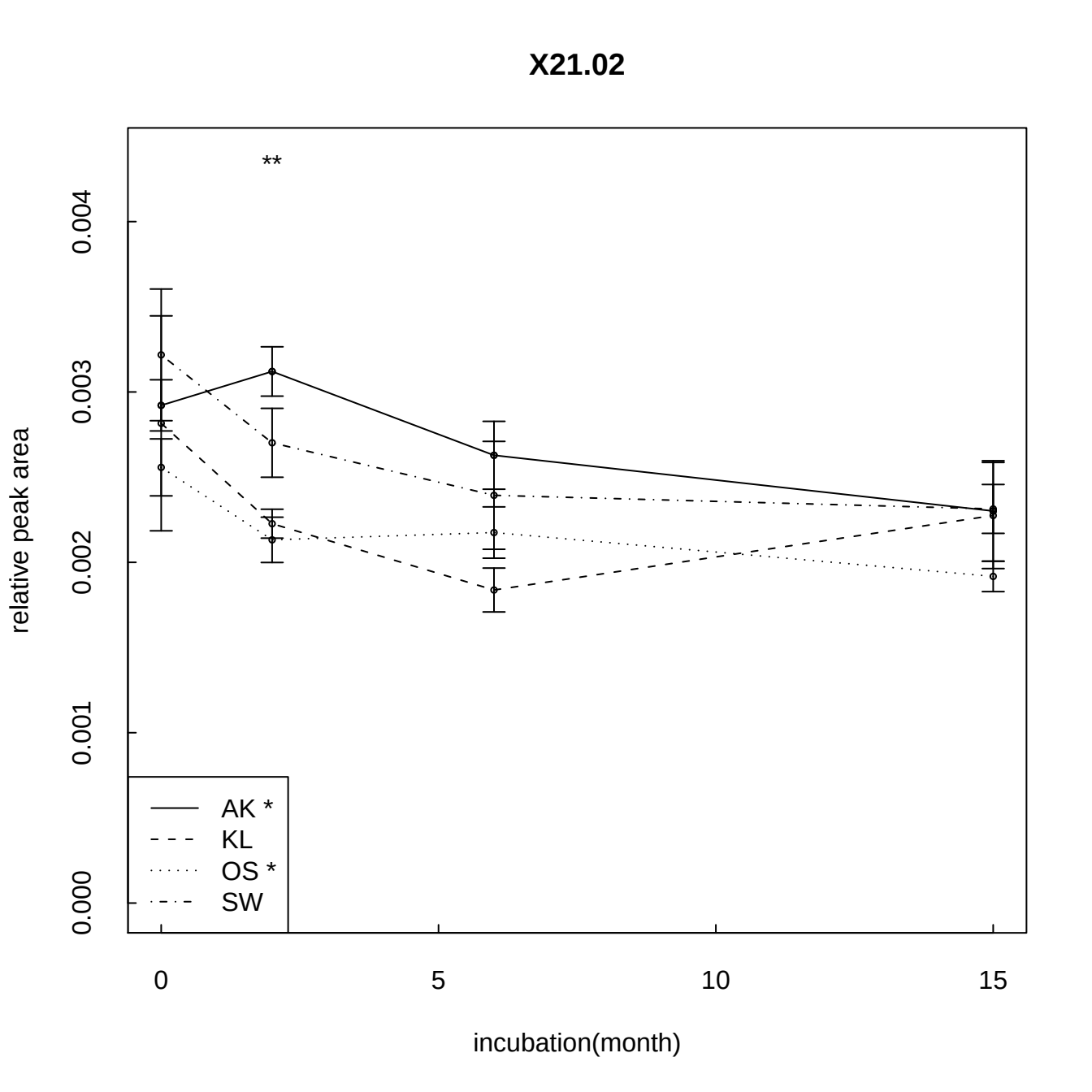

X19.00
**
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
AK
KL
OS
SW
0
5
10
15
incubation(month)

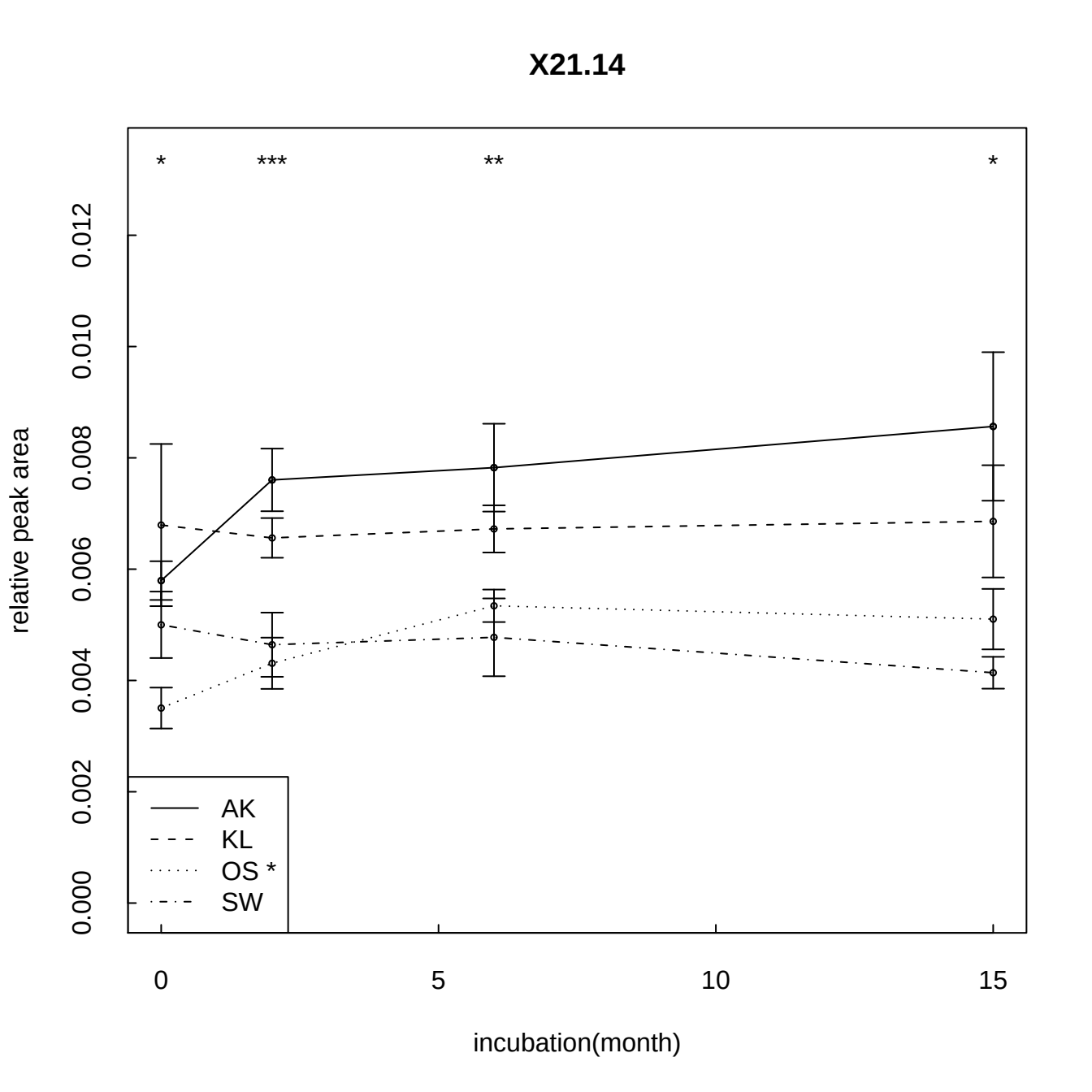

X20.20
relative peak area
0.000
0.002
0.004
0.006
0.008
0
5
10
15
incubation(month)
AK
KL
OS *
SW

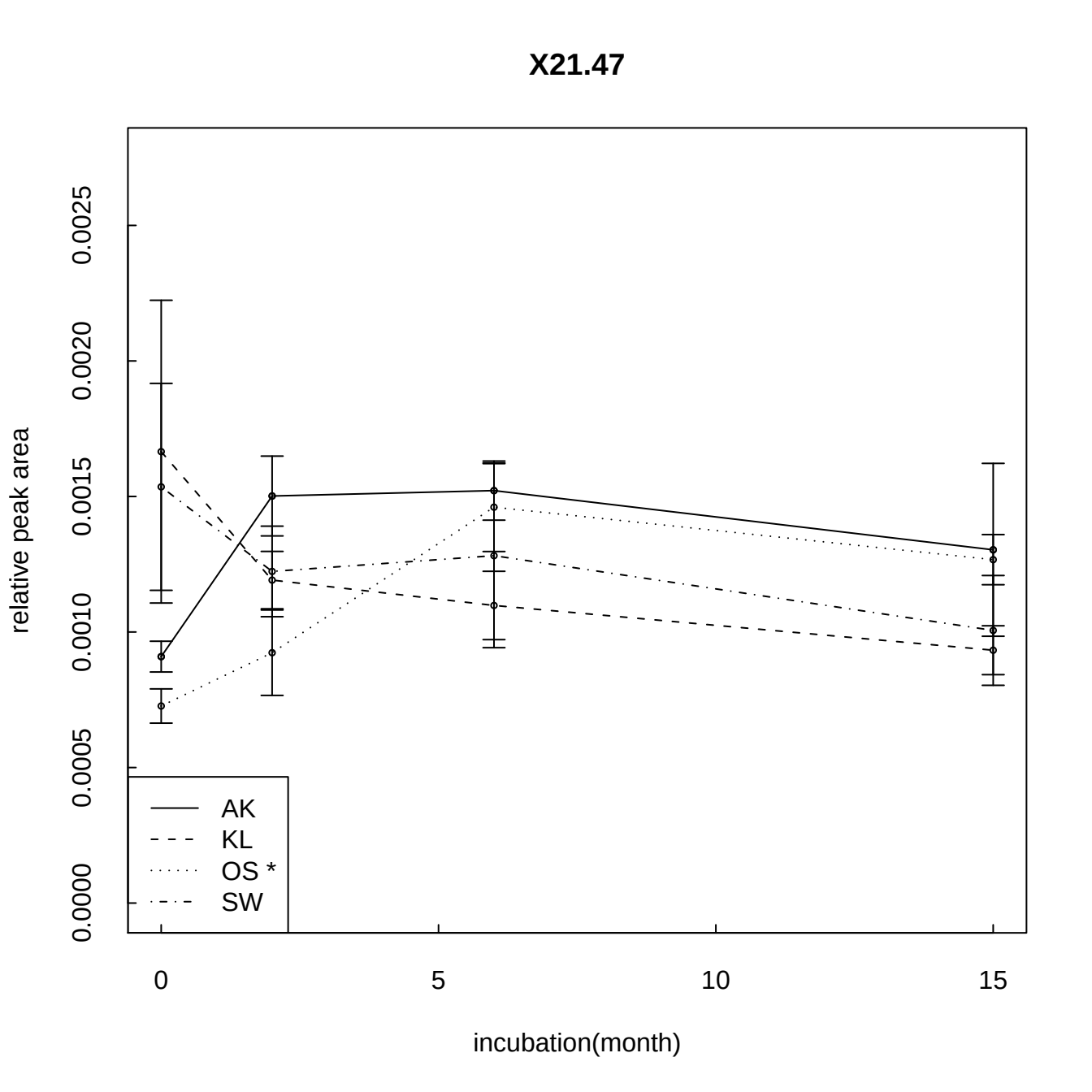

X20.40
**
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0
5
10
15
incubation(month)
AK
KL
OS **
SW

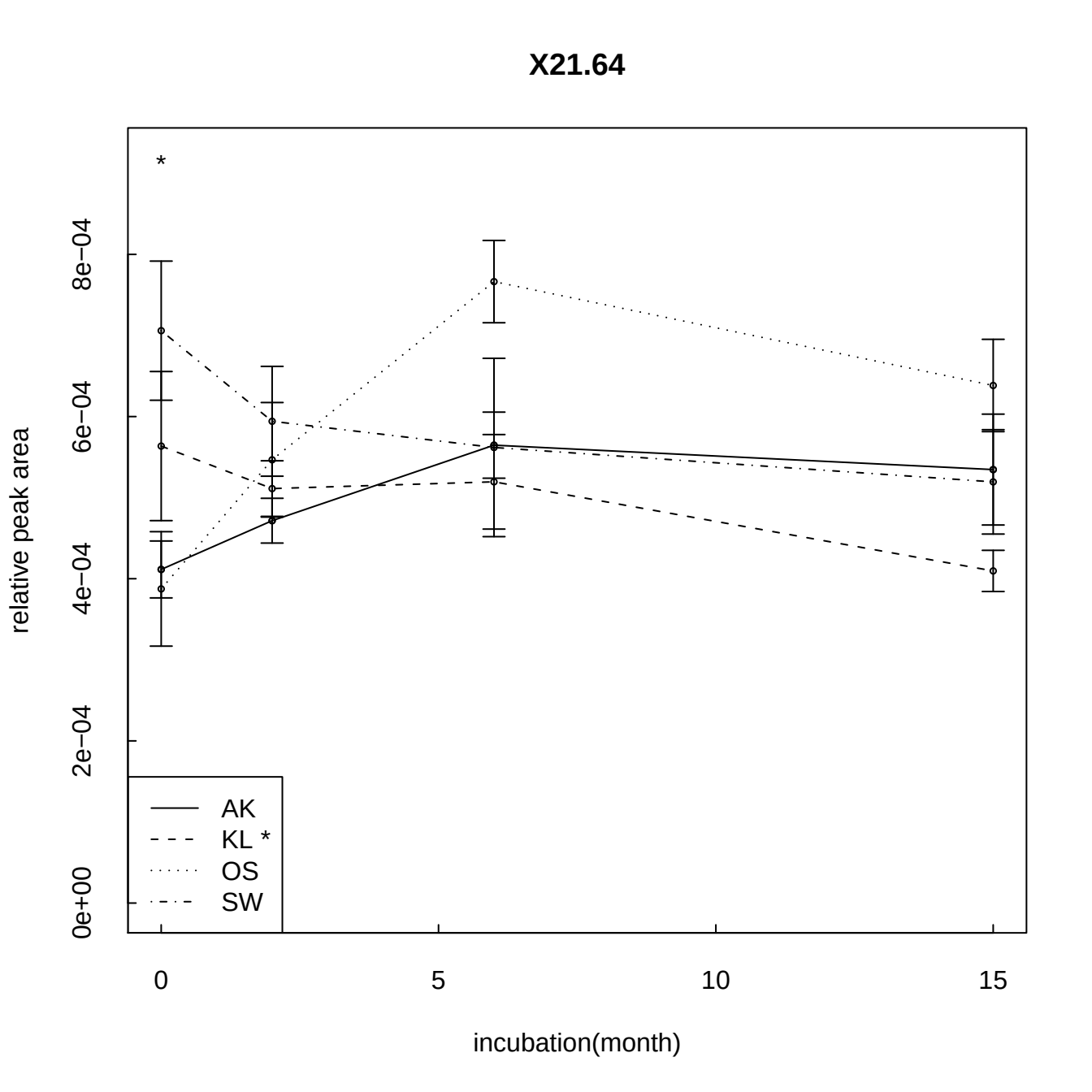

X20.51
*
relative peak area
0.000
0.005
0.010
0.015
0
5
10
15
incubation(month)
AK
KL
OS
SW

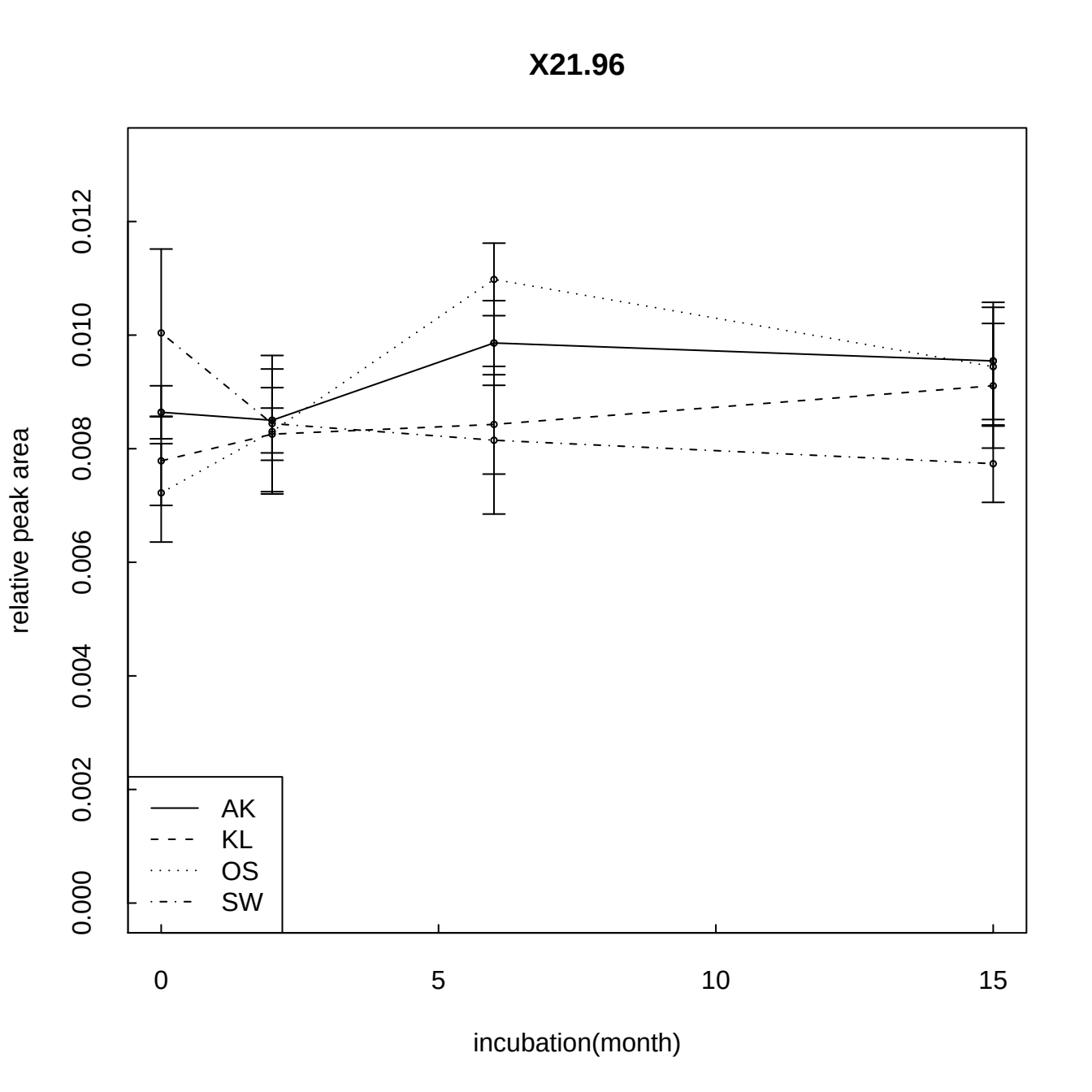

X20.96
relative peak area
0e+00
1e−04
2e−04
3e−04
4e−04
5e−04
0
5
10
15
incubation(month)
AK
KL
OS
SW

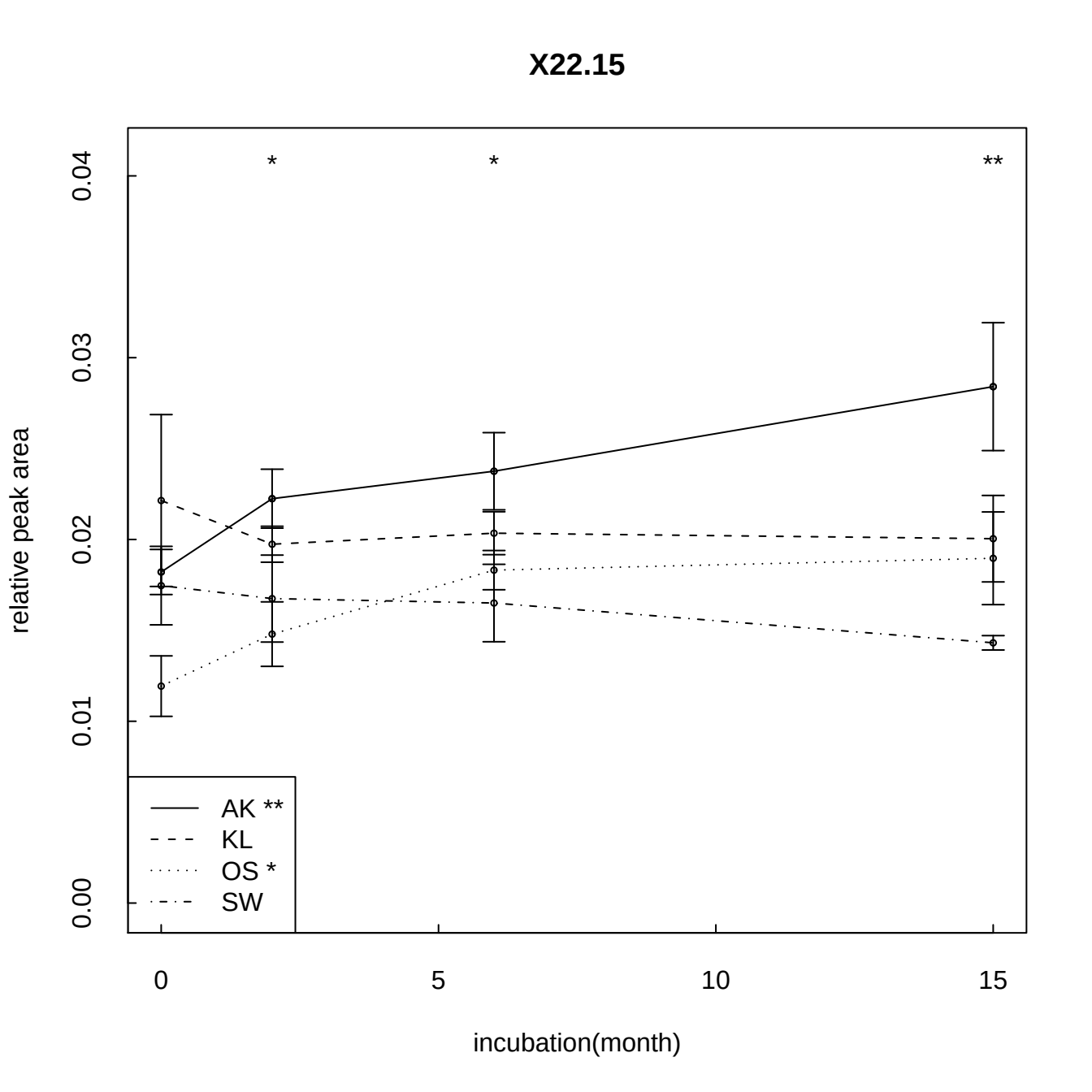

X21.02
**
relative peak area
0.000
0.001
0.002
0.003
0.004
0
5
10
15
incubation(month)
AK *
KL
OS *
SW

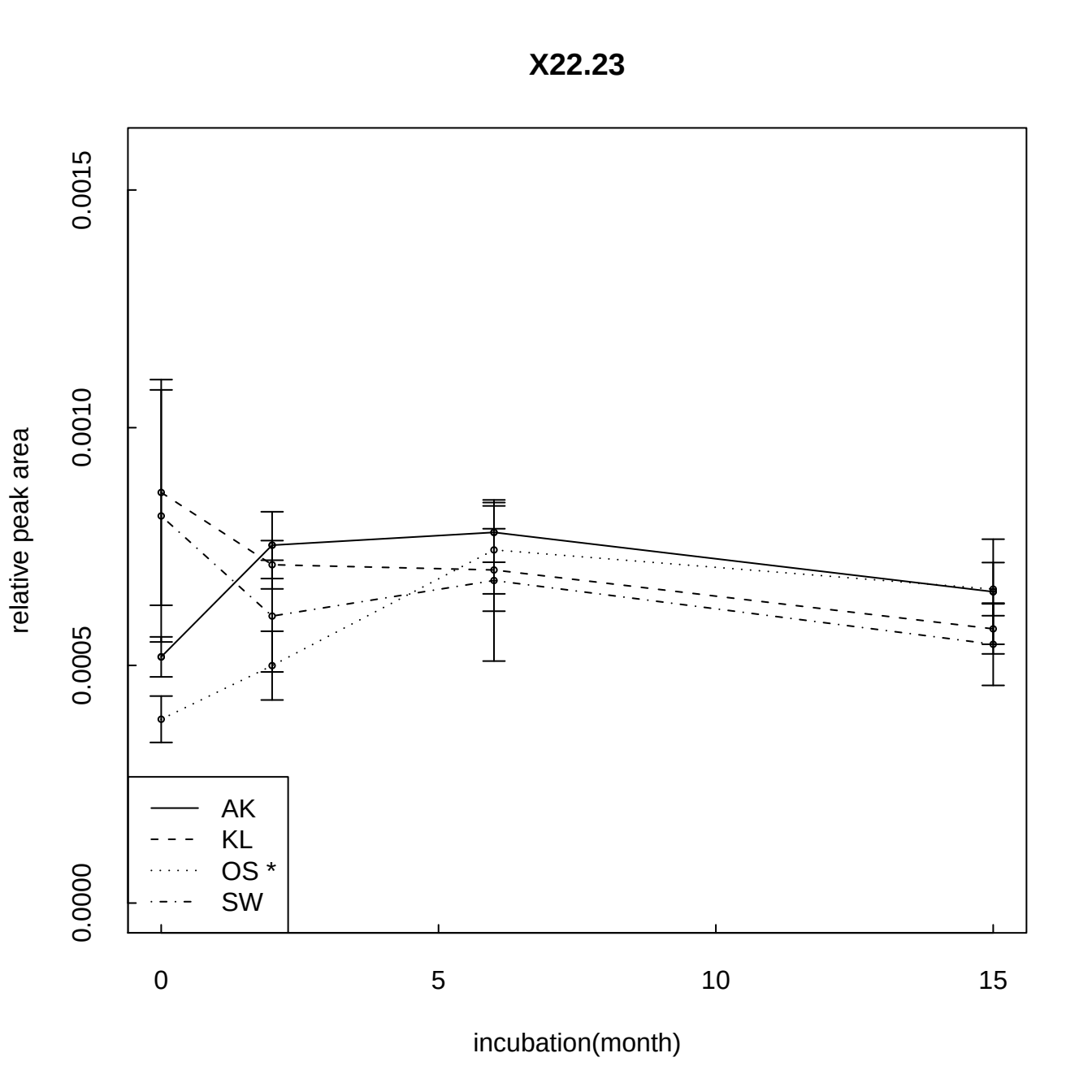

X21.14
*
***
**
*
0.000
0.002
0.004
0.006
0.008
0.010
0.012
relative peak area
AK
KL
OS *
SW
0
5
10
15
incubation(month)

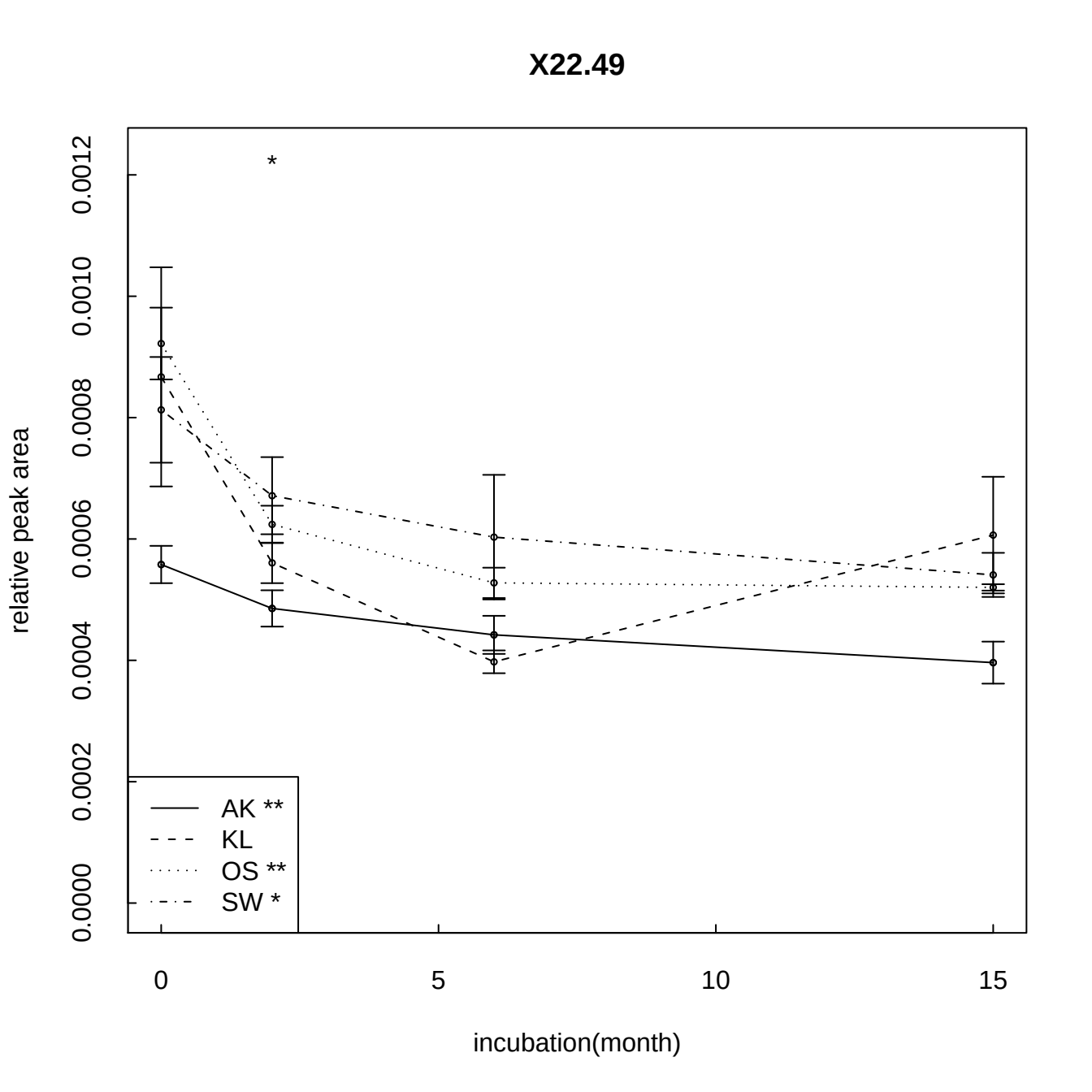

X21.47
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0
5
10
15
incubation(month)
AK
KL
OS *
SW

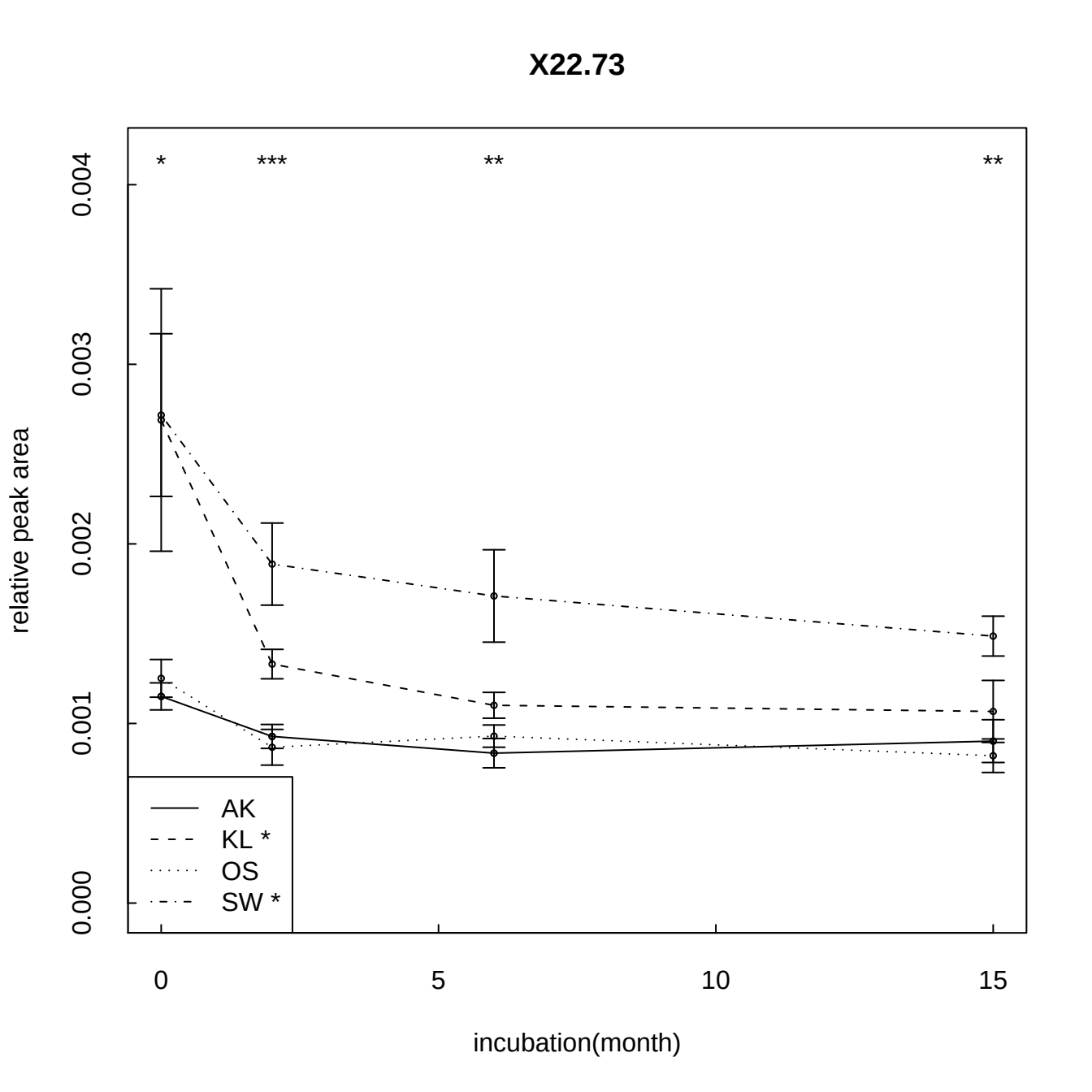

X21.64
*
relative peak area
0e+00
2e−04
4e−04
6e−04
8e−04
0
5
10
15
incubation(month)
AK
KL *
OS
SW

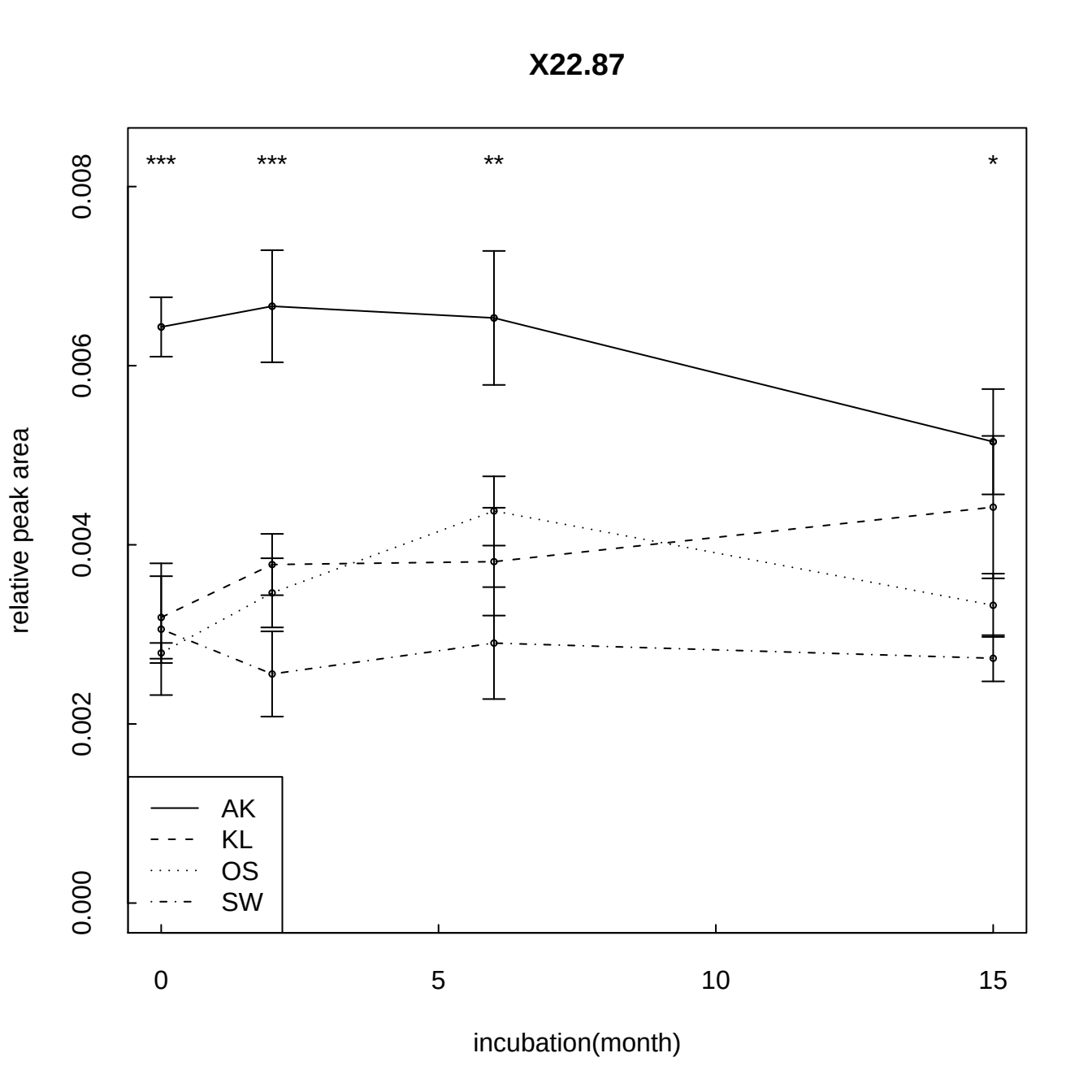

X21.96
relative peak area
0.000
0.002
0.004
0.006
0.008
0.010
0.012
0
5
10
15
incubation(month)
AK
KL
OS
SW

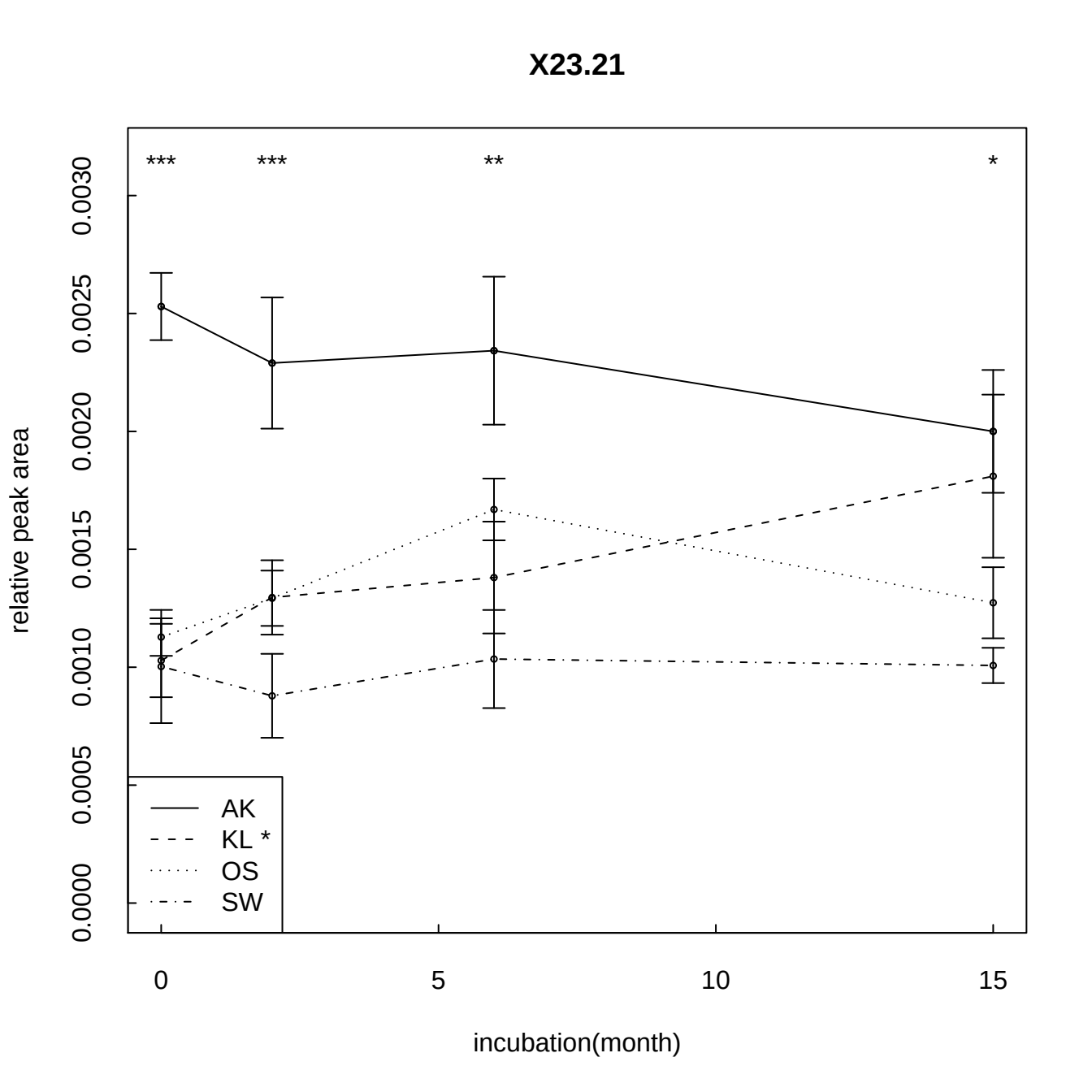

X22.15
relative peak area
0.00
0.01
0.02
0.03
0.04
*
*
**
AK **
KL
OS *
SW
0
5
10
15
incubation(month)

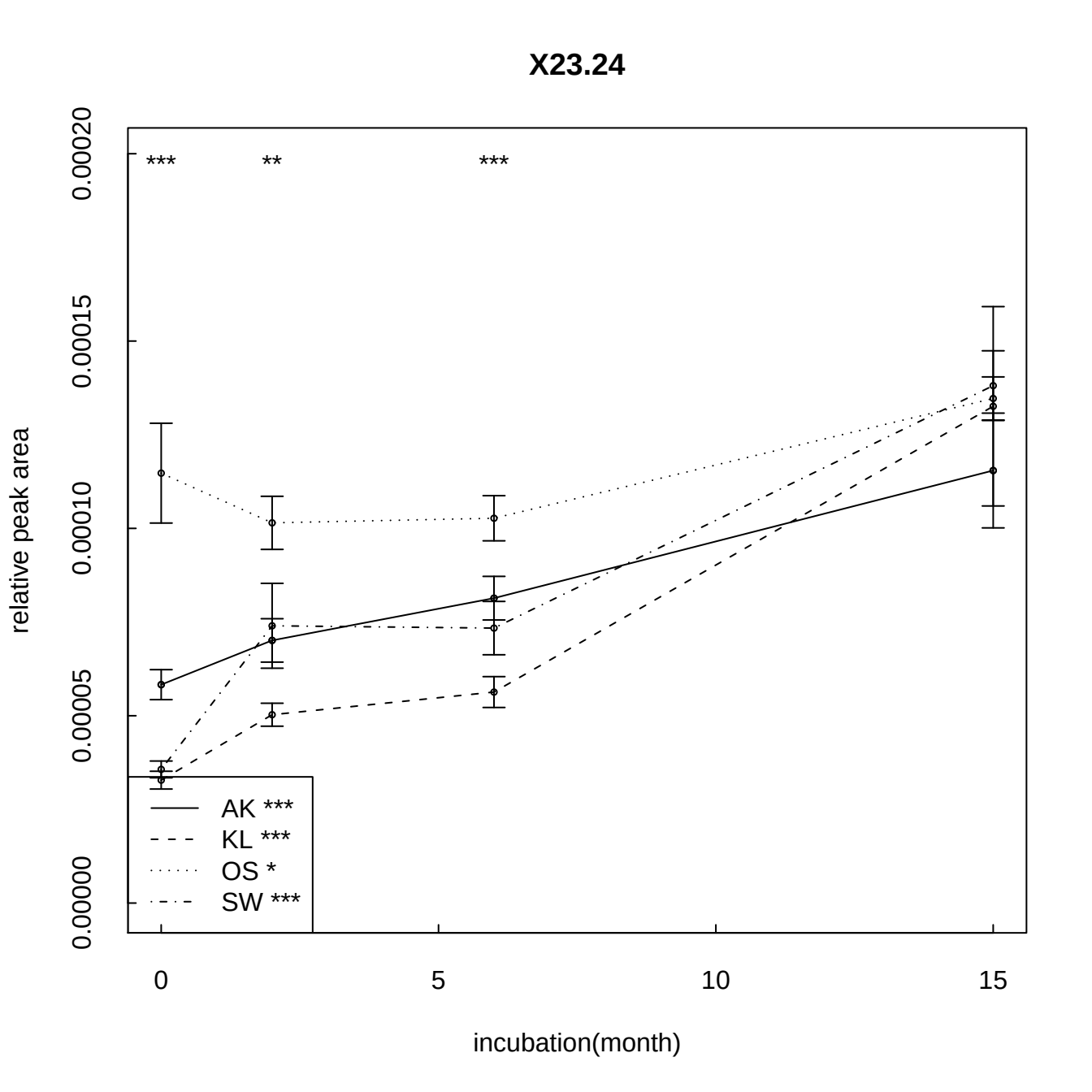

X22.23
relative peak area
0.0000
0.0005
0.0010
0.0015
0
5
10
15
incubation(month)
AK
KL
OS *
SW

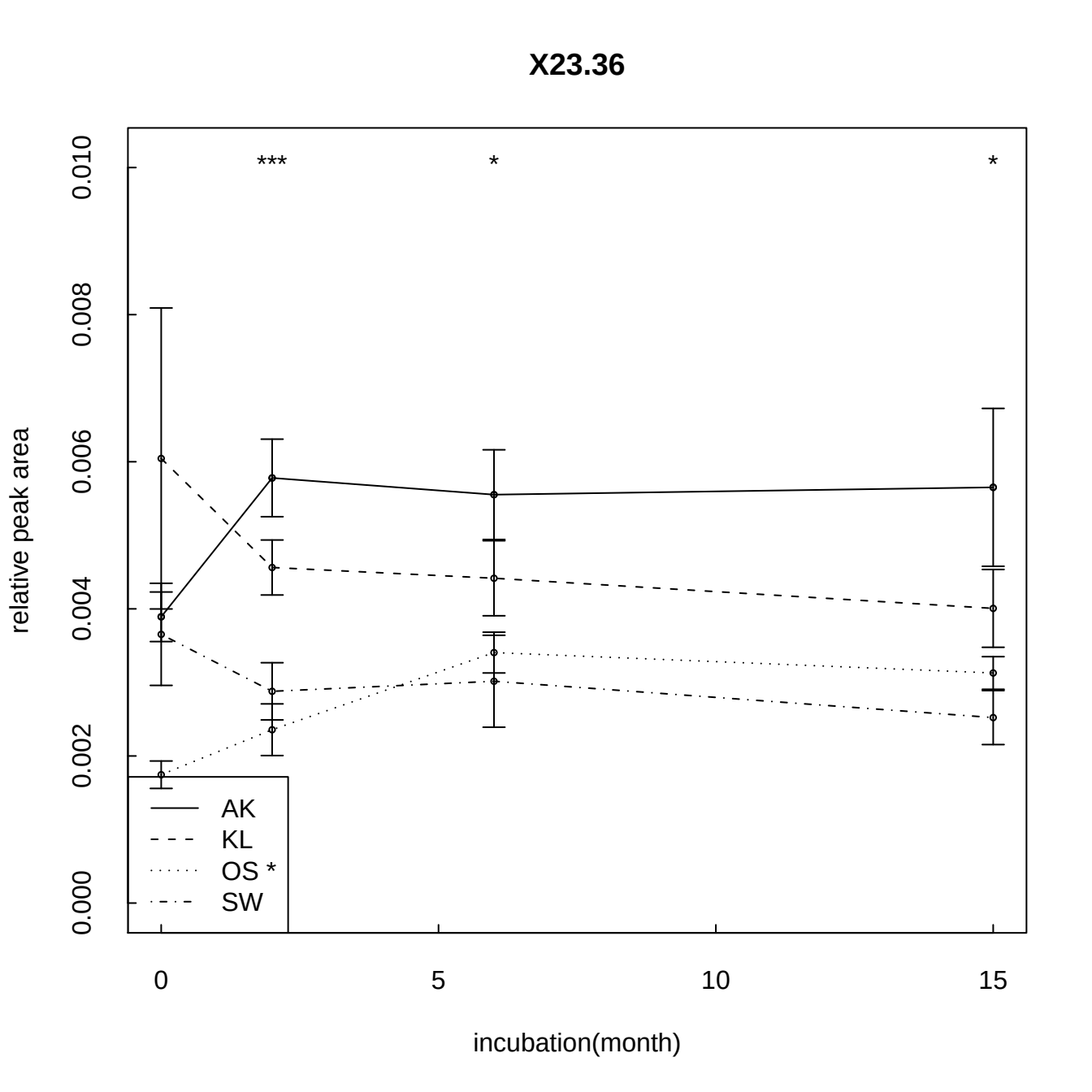

X22.49
*
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
0
5
10
15
incubation(month)
AK **
KL
OS **
SW *

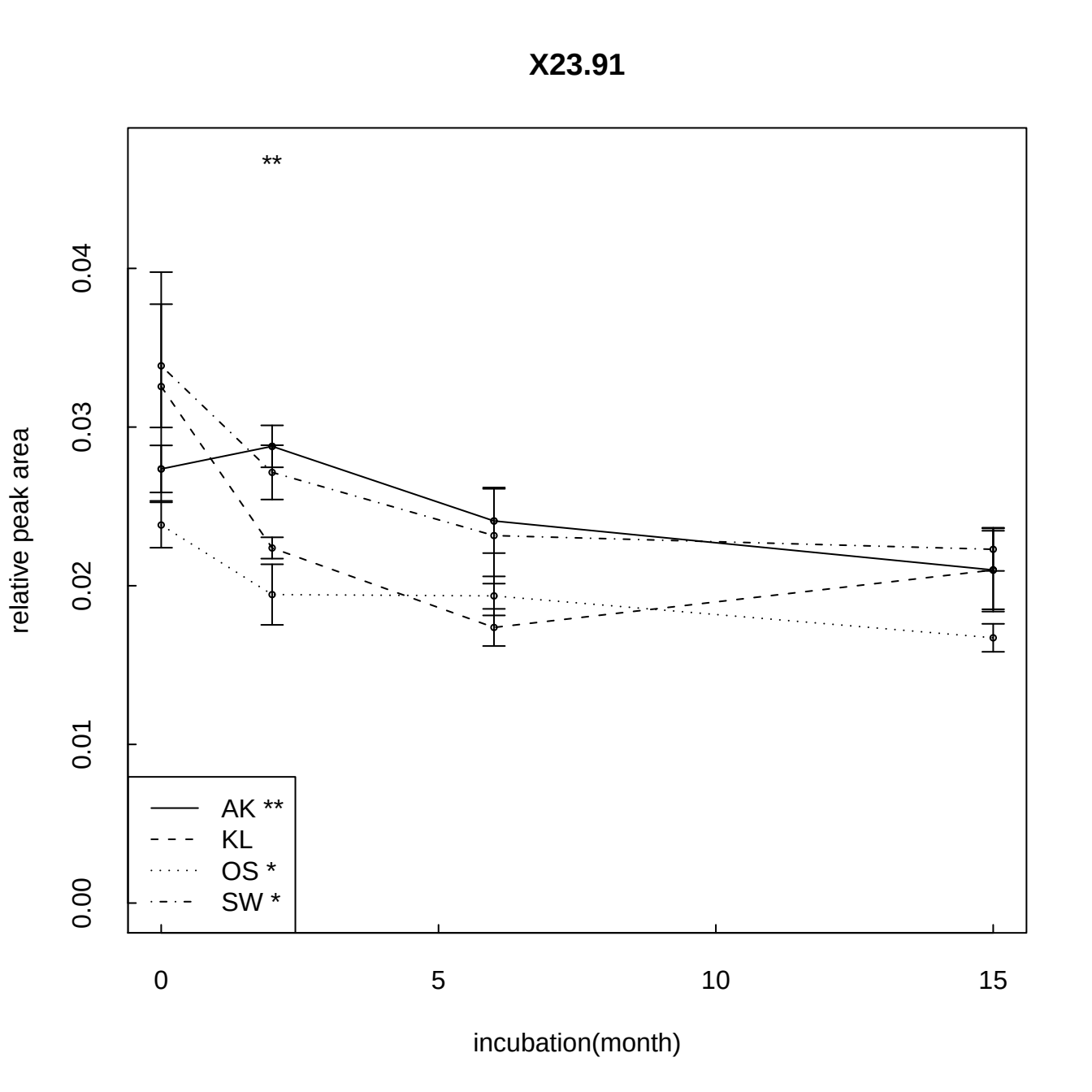

X22.73
*
***
**
**
0.004
0.003
0.002
0.001
0.000
relative peak area
AK
KL *
OS
SW *
0
5
10
15
incubation(month)

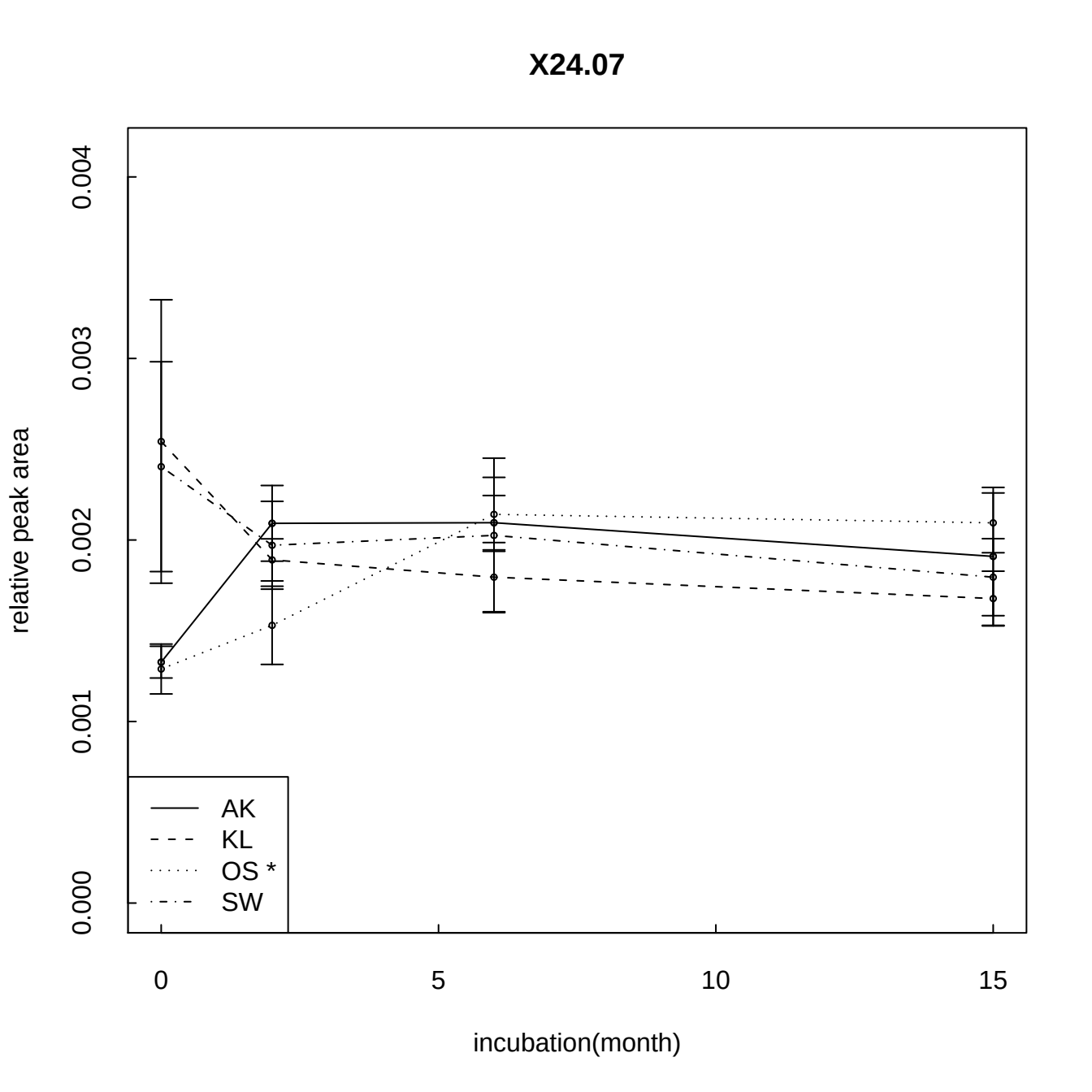

X22.87
***
***
**
*
0.000
0.002
0.004
0.006
0.008
relative peak area
AK
KL
OS
SW
0
5
10
15
incubation(month)

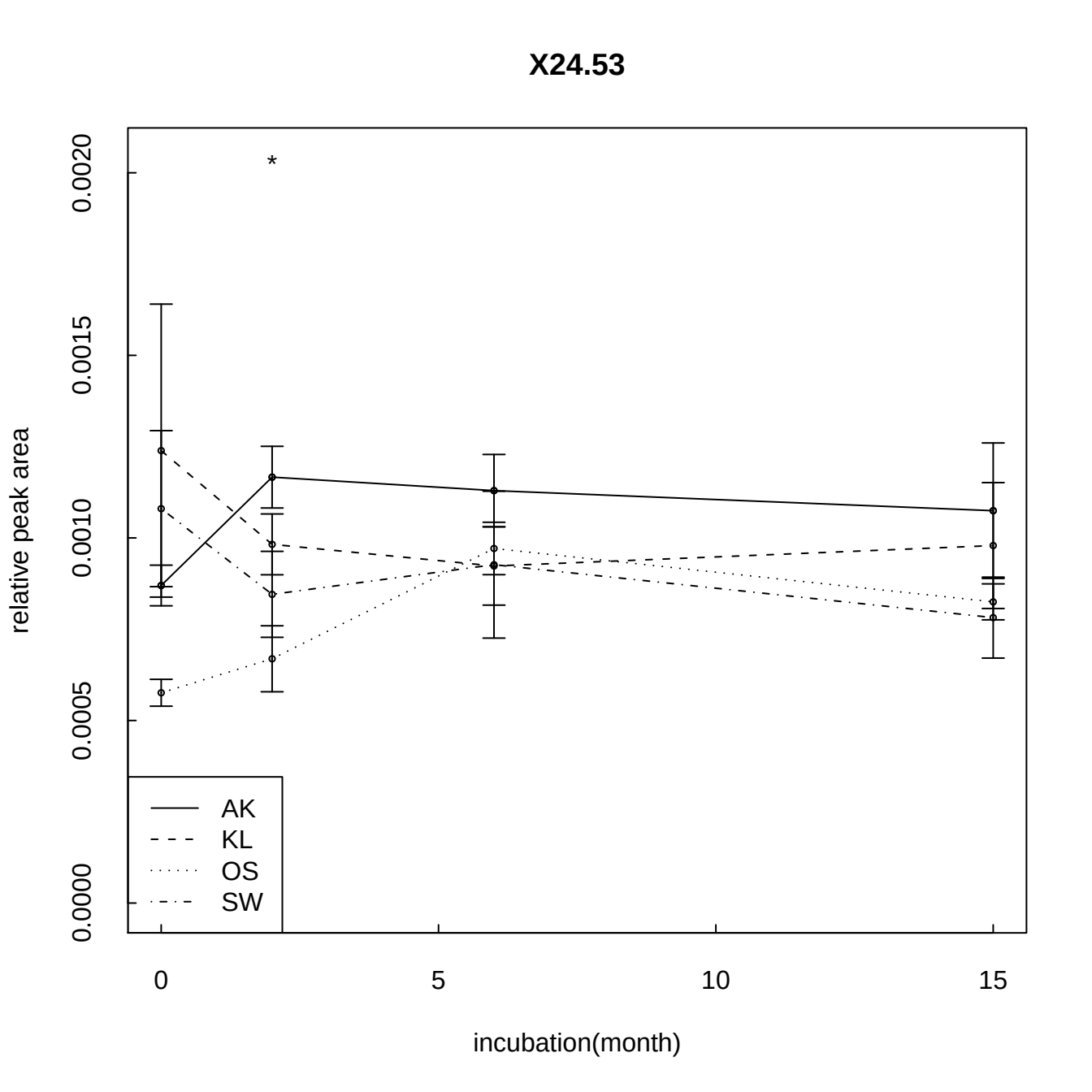

X23.21
***
***
**
*
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
relative peak area
AK
KL *
OS
SW
0
5
10
15
incubation(month)

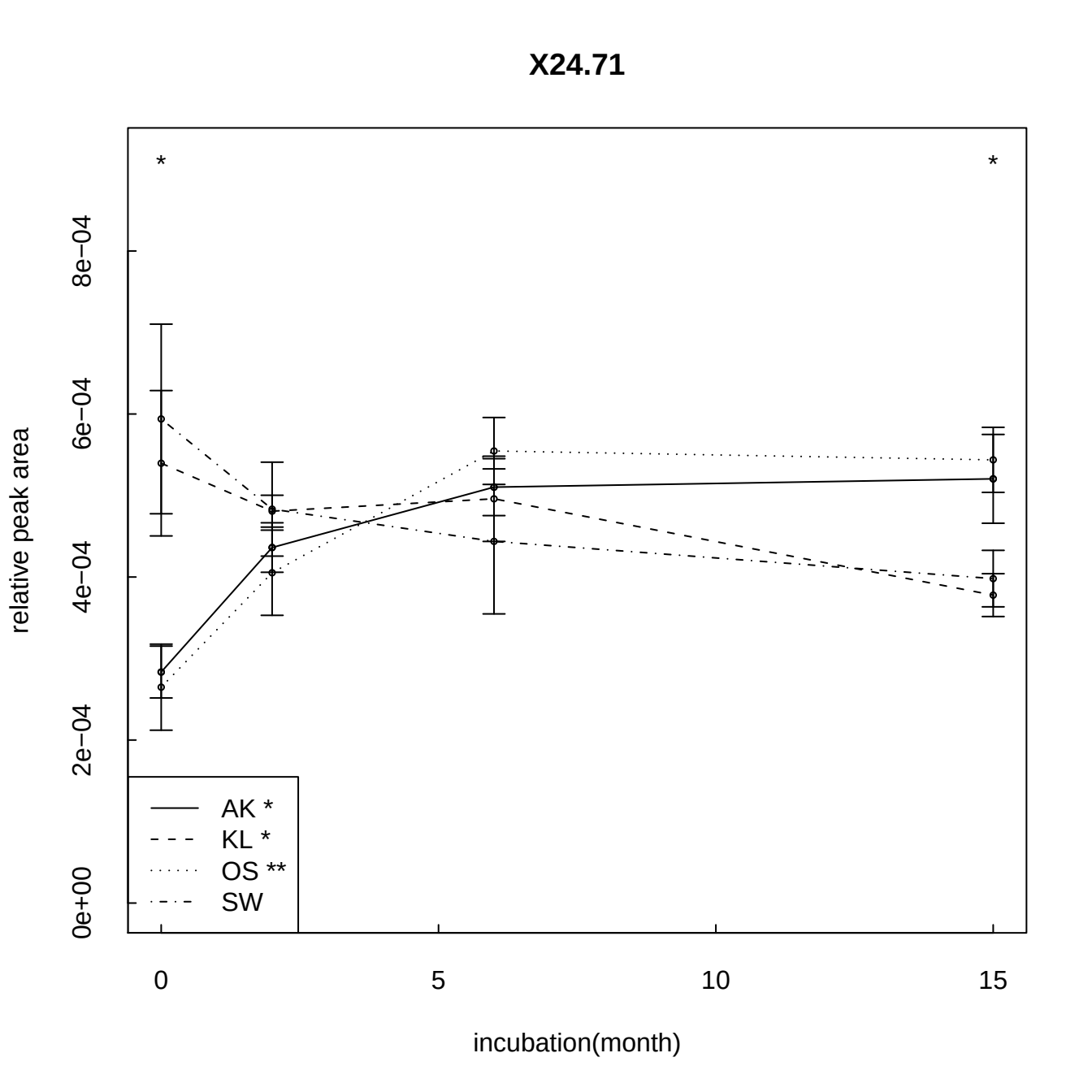

X23.24
***
**
***
0.00020
0.00015
0.00010
0.00005
0.00000
relative peak area
AK ***
KL ***
OS *
SW ***
0
5
10
15
incubation(month)

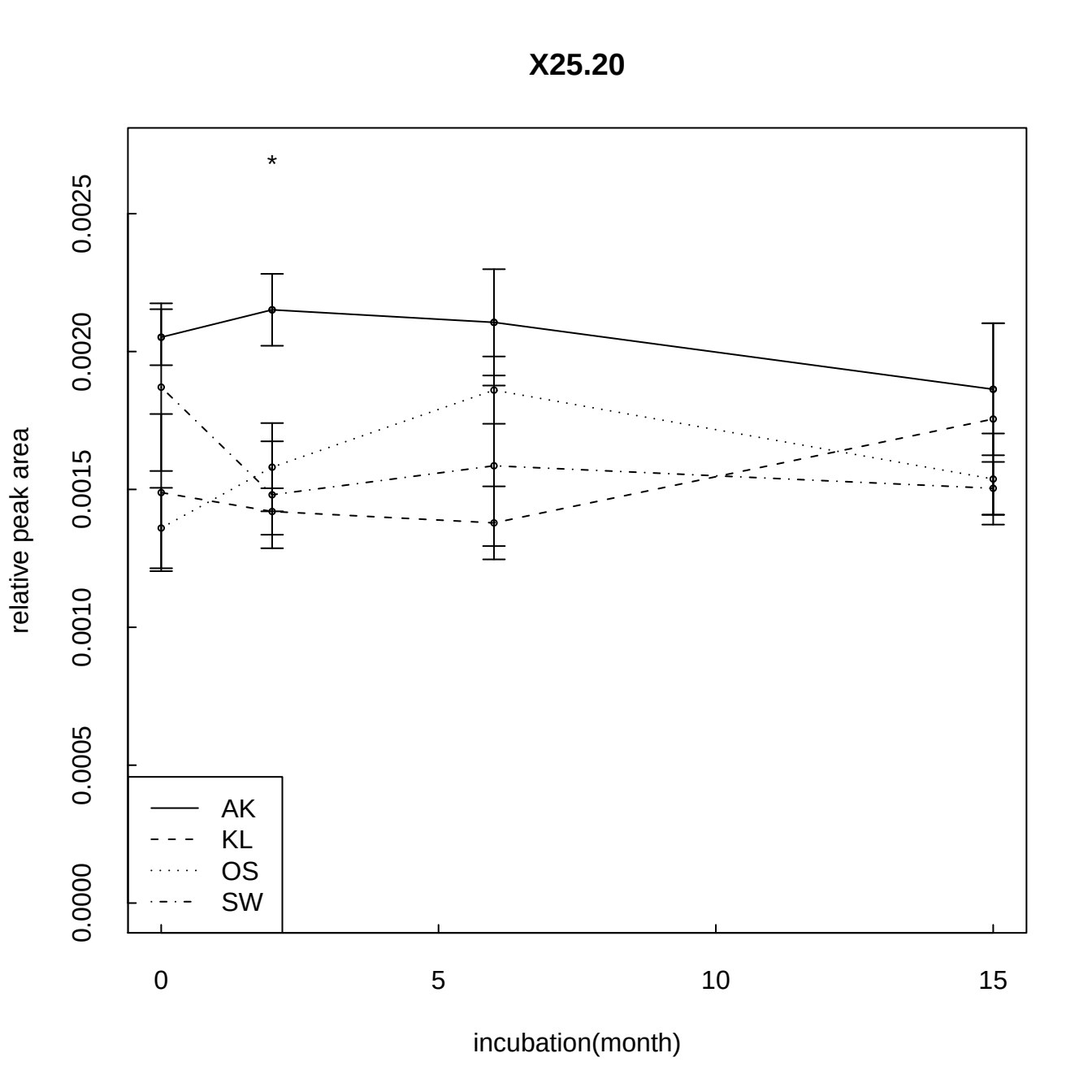

X23.36
***
*
*
0.010
0.008
0.006
0.004
0.002
0.000
relative peak area
AK
KL
OS *
SW
0
5
10
15
incubation(month)

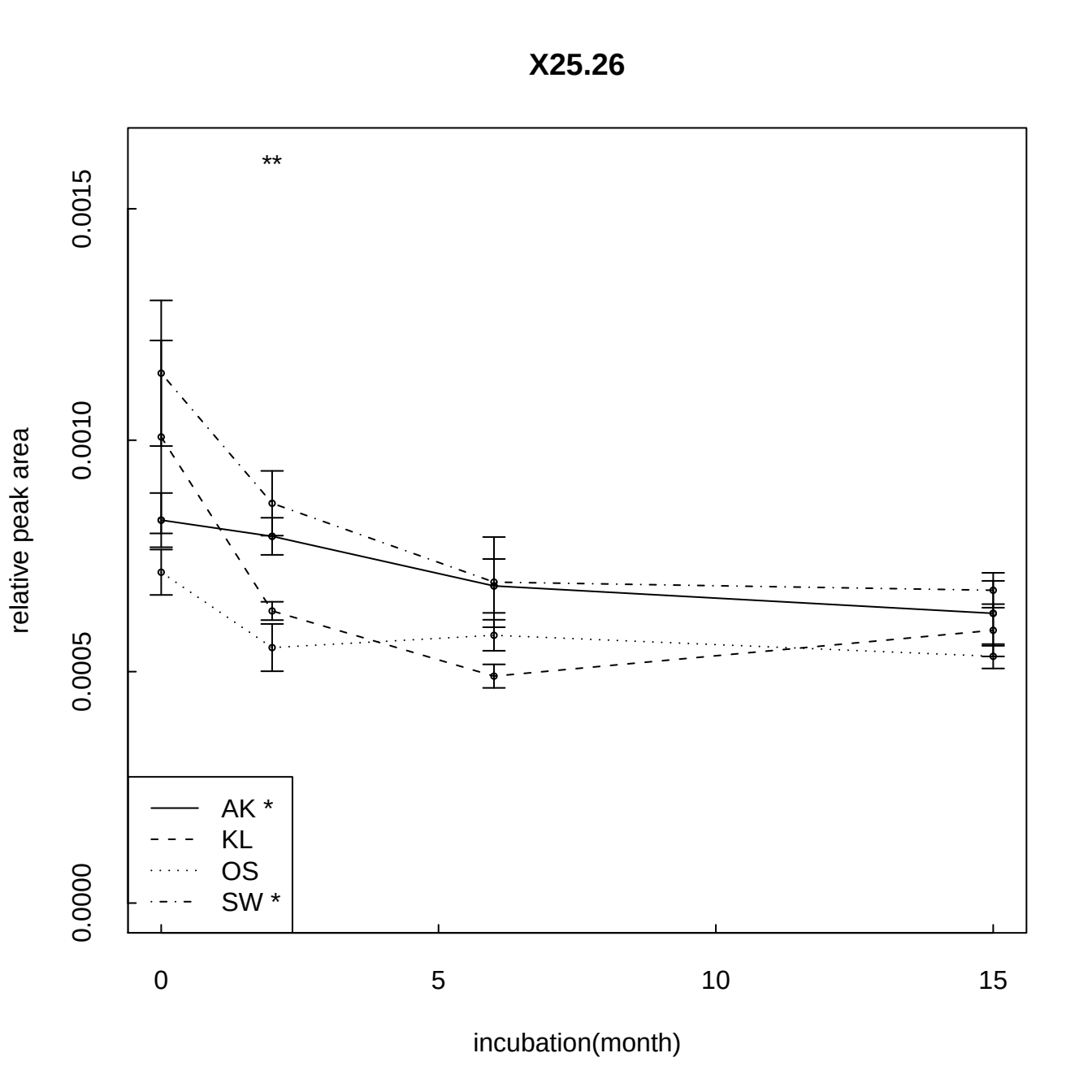

X23.91
**
relative peak area
0.00
0.01
0.02
0.03
0.04
0
5
10
15
incubation(month)
AK **
KL
OS *
SW *

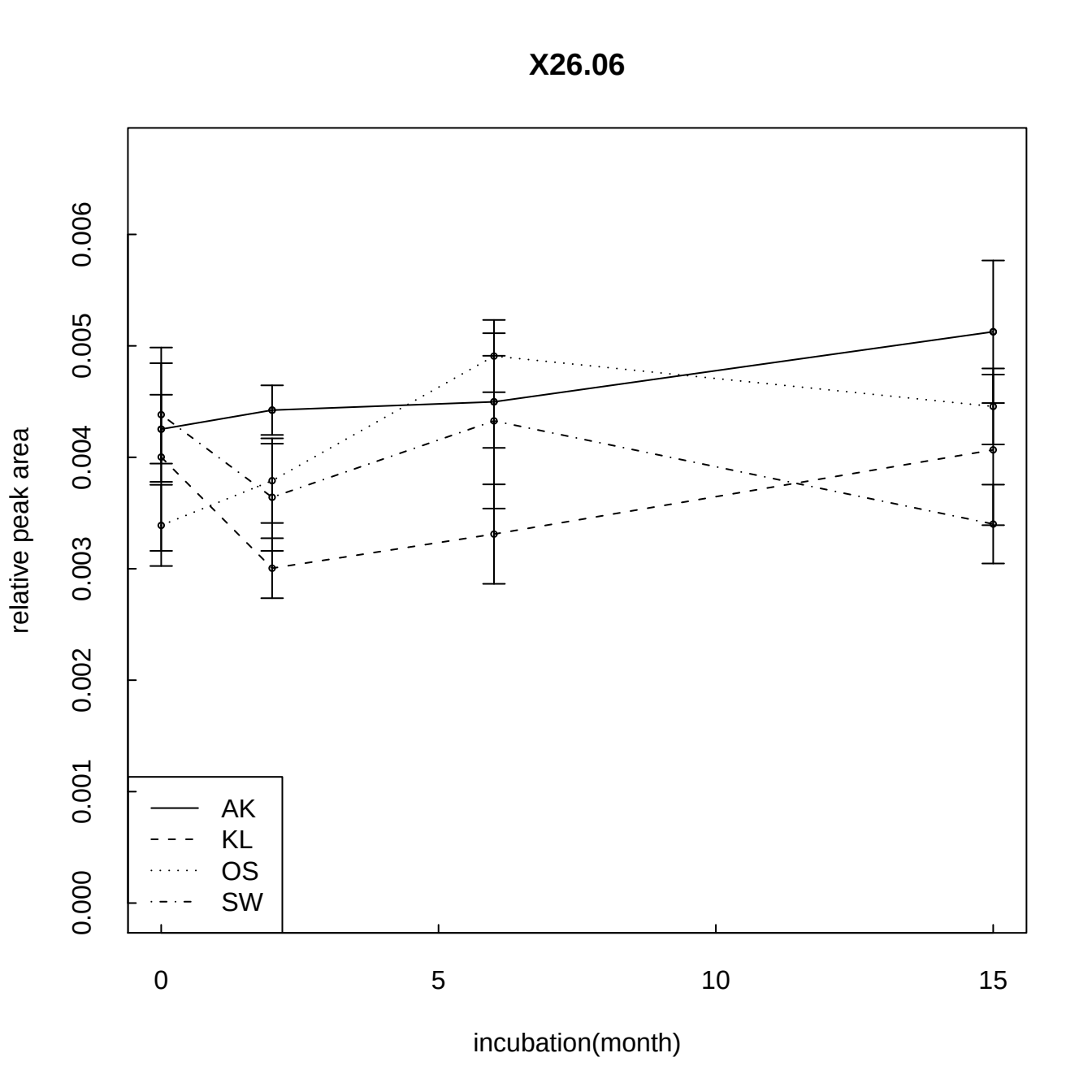

X24.07
relative peak area
0.000
0.001
0.002
0.003
0.004
0
5
10
15
incubation(month)
AK
KL
OS *
SW

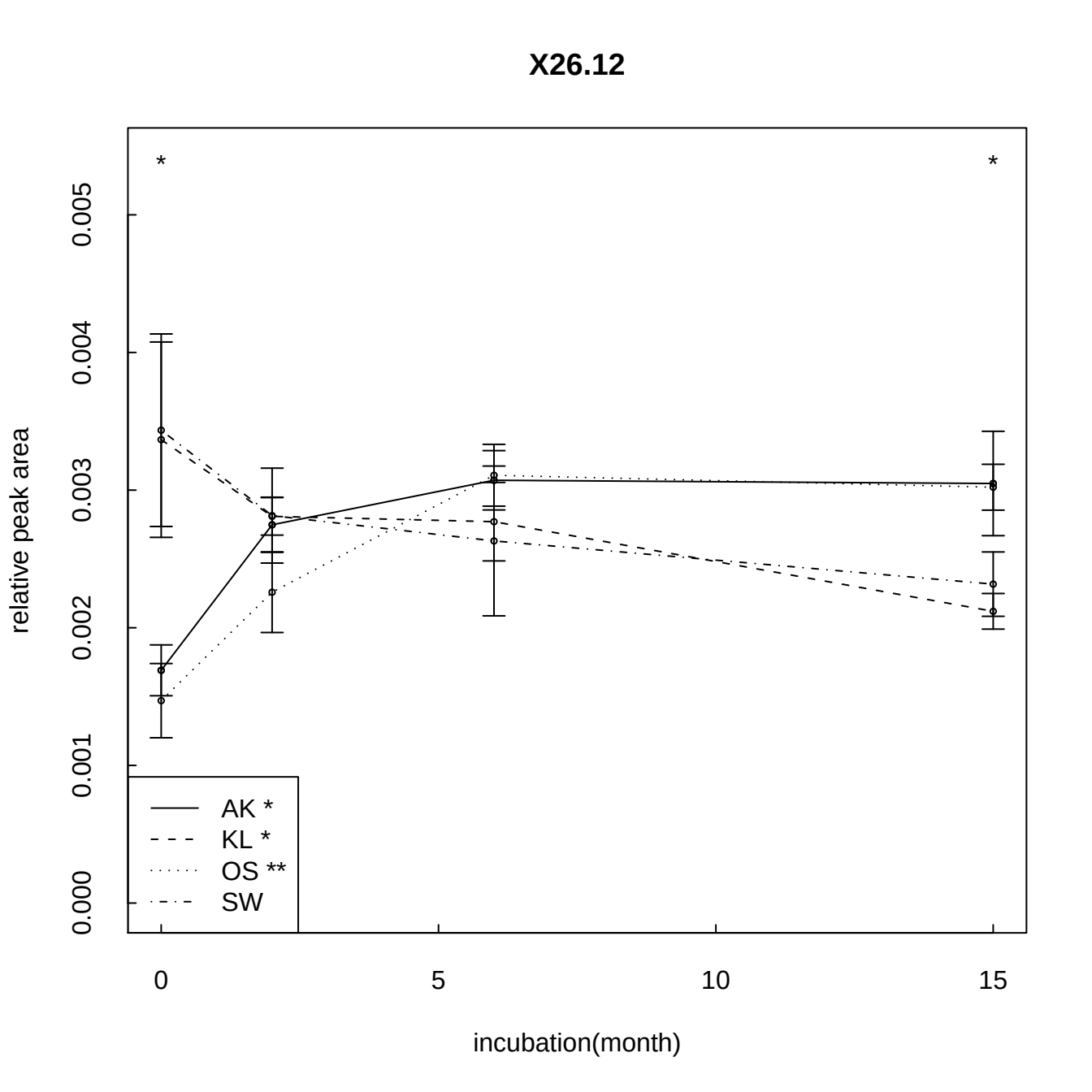

X24.53
*
0.0020
0.0015
0.0010
0.0005
0.0000
relative peak area
AK
KL
OS
SW
0
5
10
15
incubation(month)

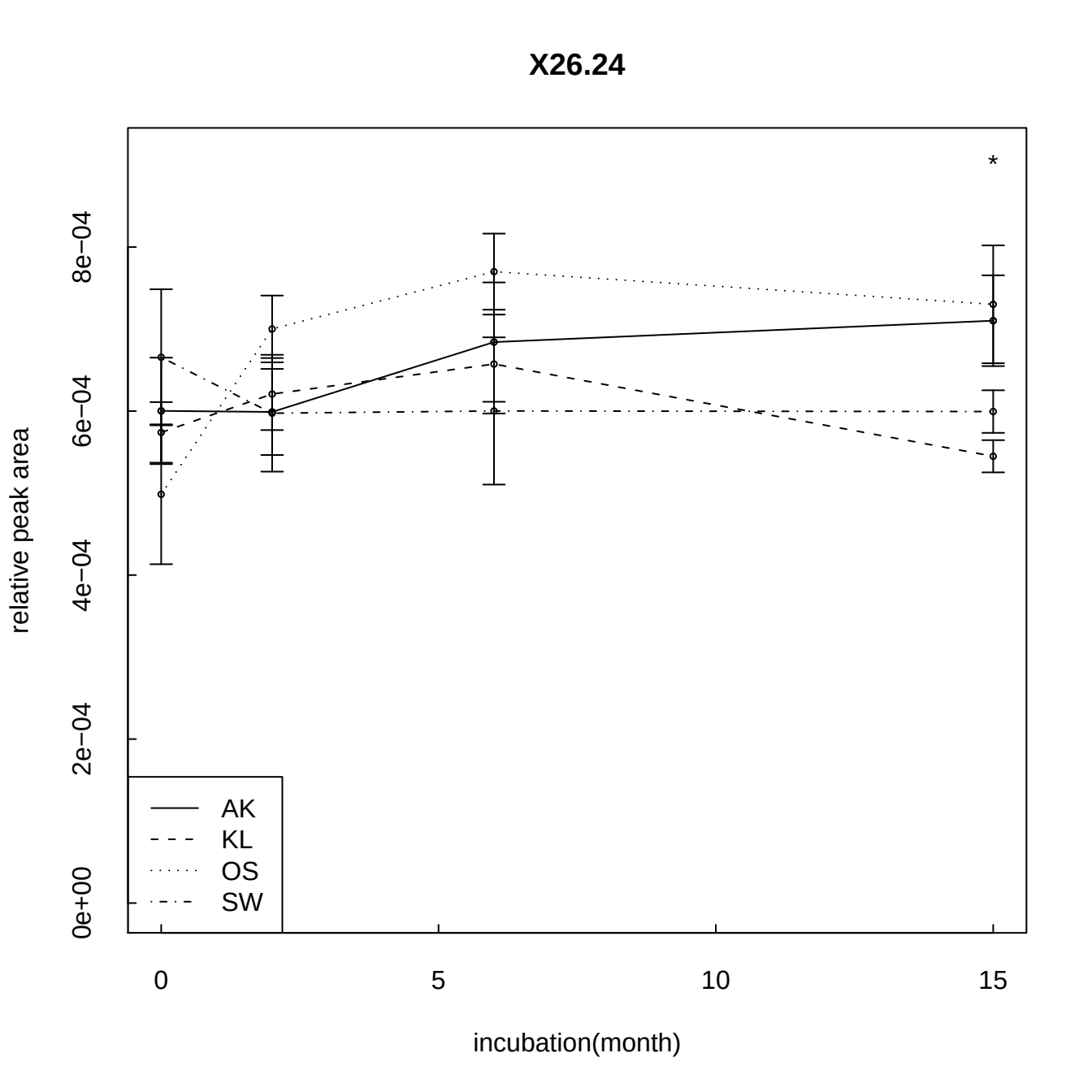

X24.71
*
*
8e−04
6e−04
4e−04
2e−04
0e+00
relative peak area
AK *
KL *
OS **
SW
0
5
10
15
incubation(month)

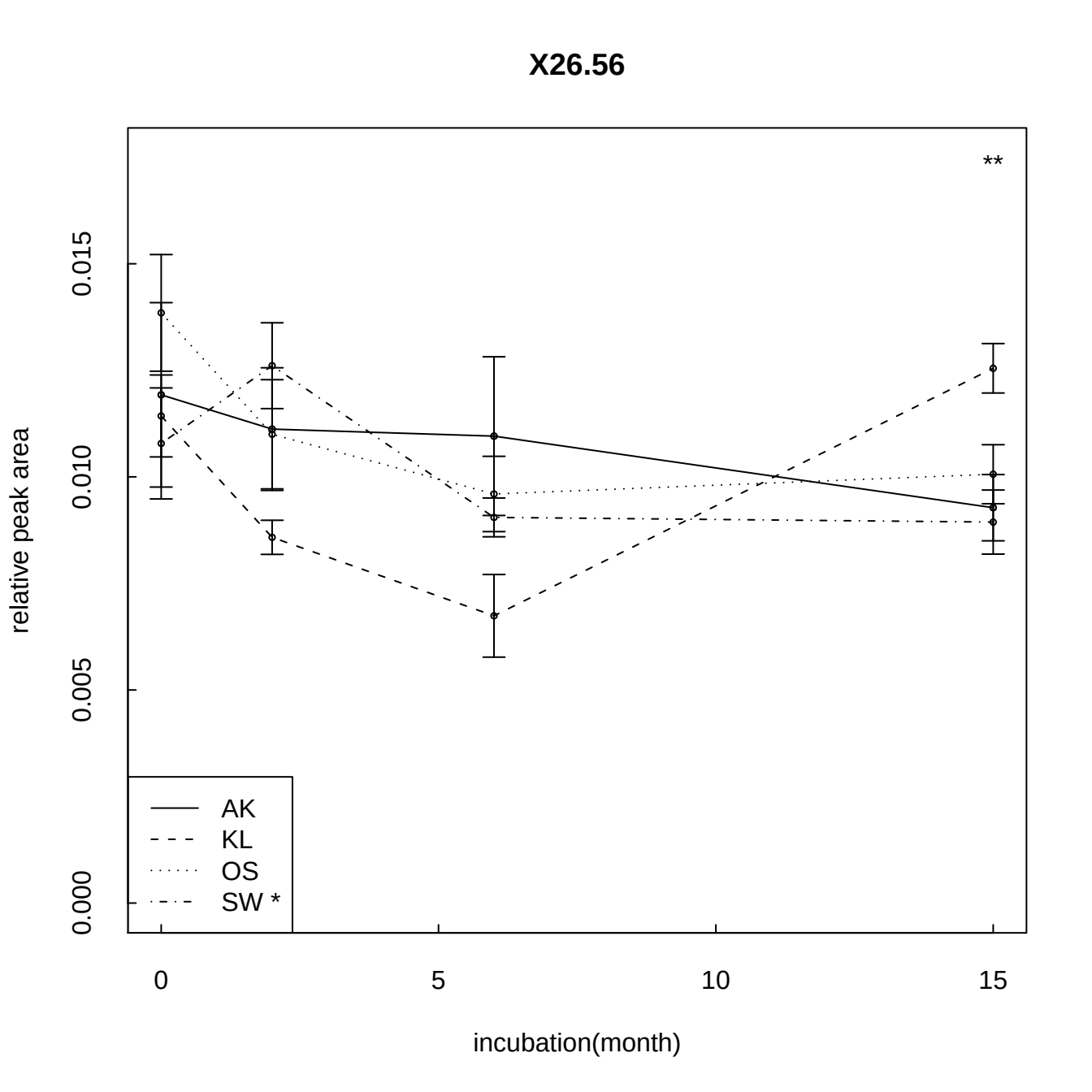

X25.20
*
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
AK
KL
OS
SW
0
5
10
15
incubation(month)

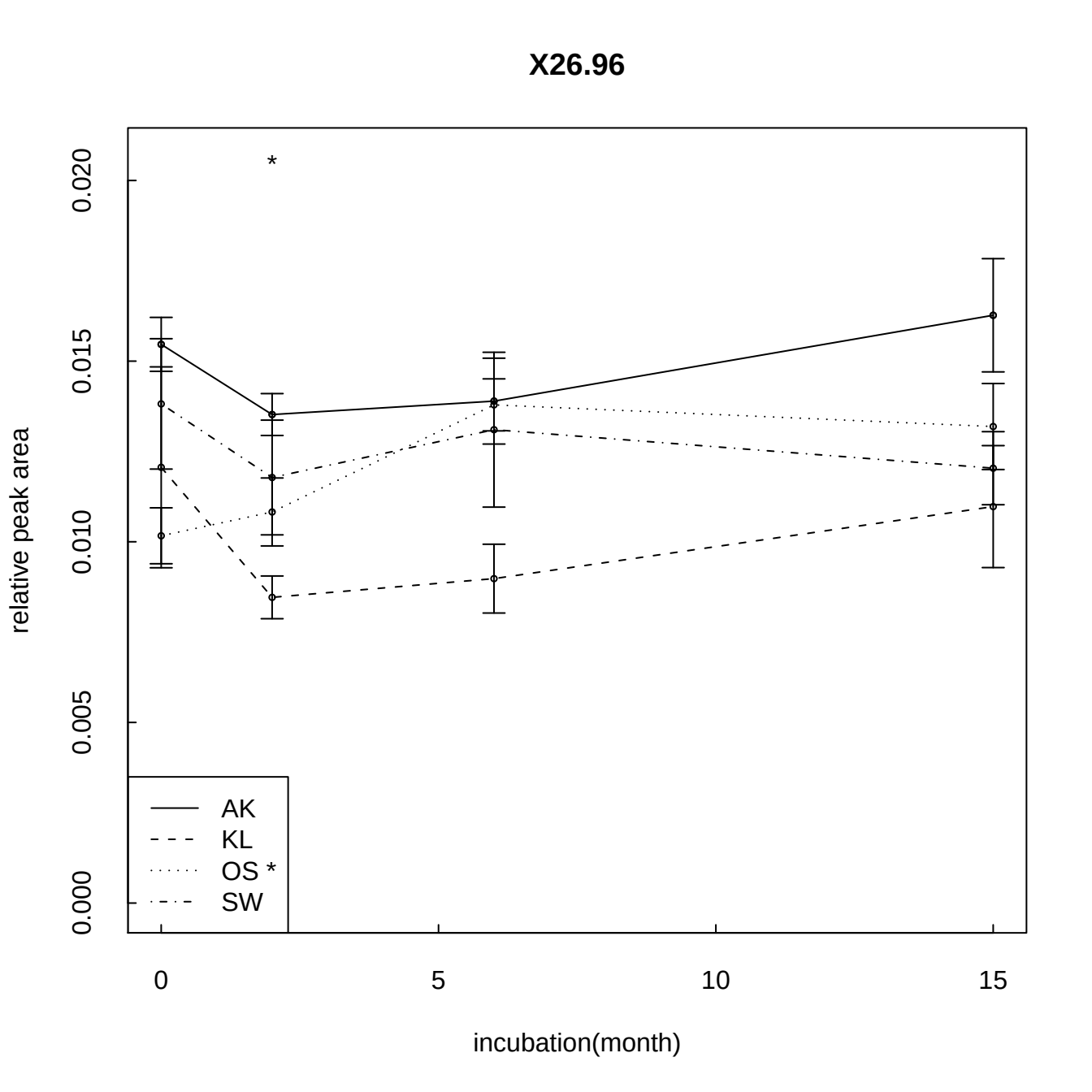

X25.26
**
0.0015
0.0010
0.0005
0.0000
relative peak area
AK *
KL
OS
SW *
0
5
10
15
incubation(month)

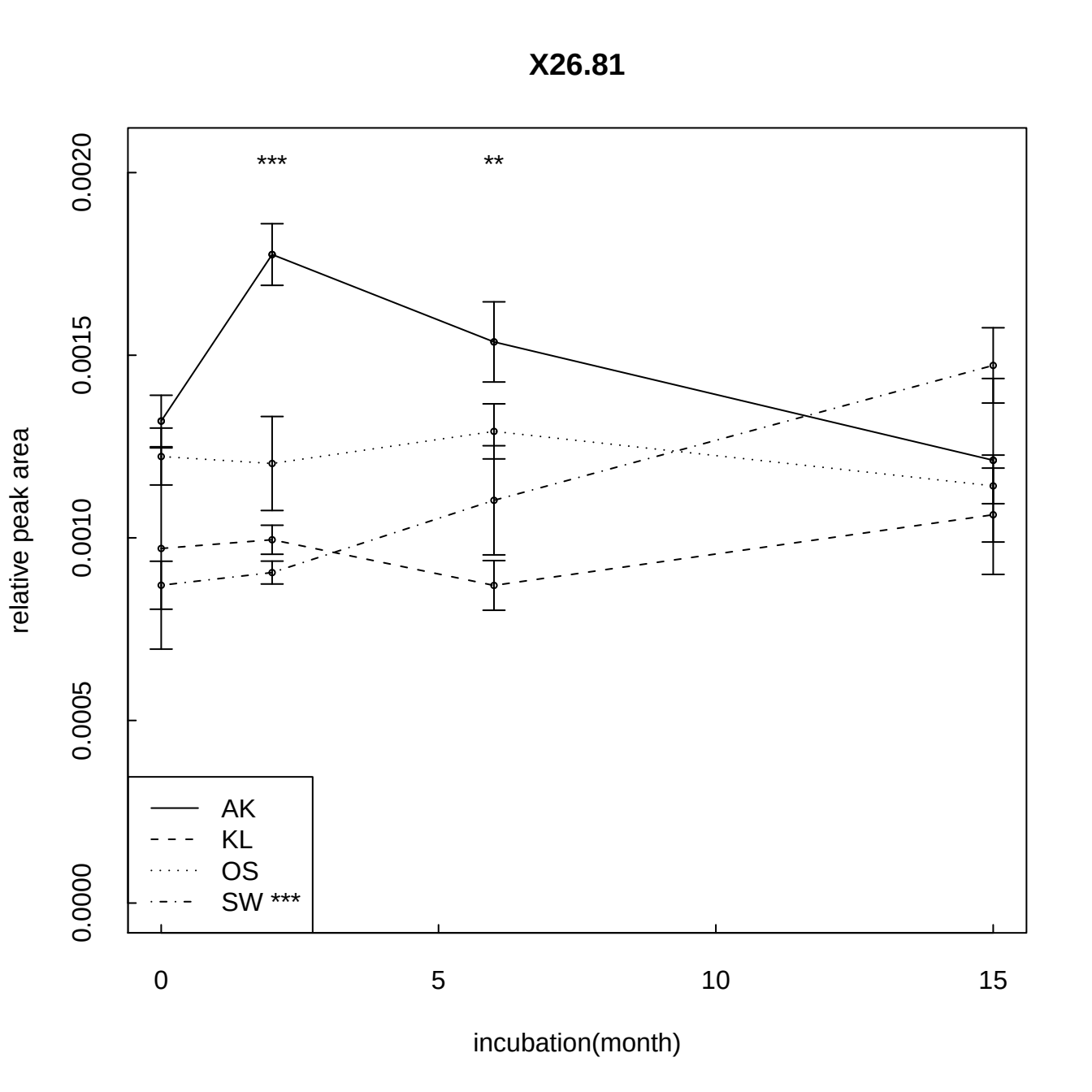

X26.06
relative peak area
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0
5
10
15
incubation(month)
AK
KL
OS
SW

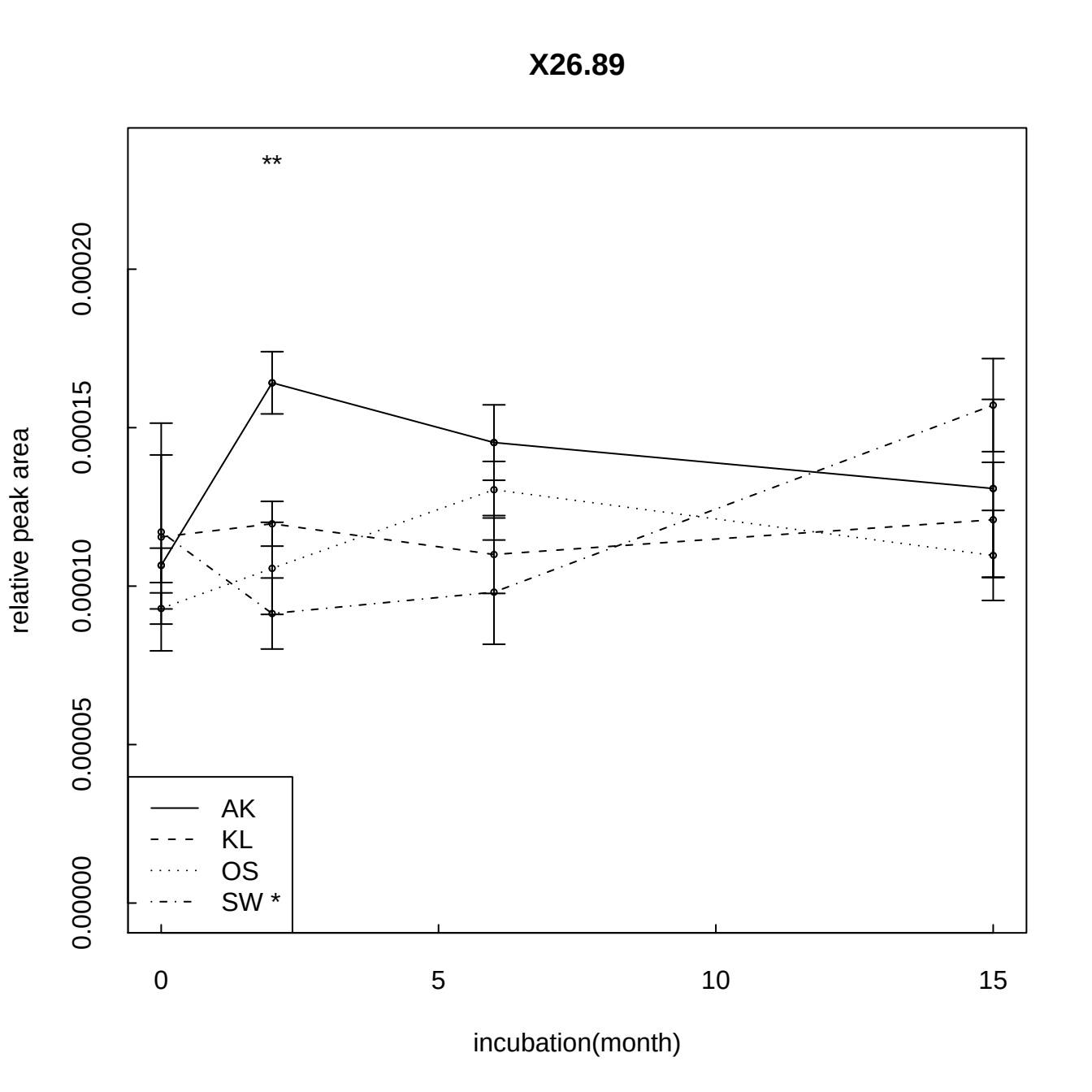

X26.12
relative peak area
0.000
0.001
0.002
0.003
0.004
0.005
*
*
AK *
KL *
OS **
SW
0
5
10
15
incubation(month)

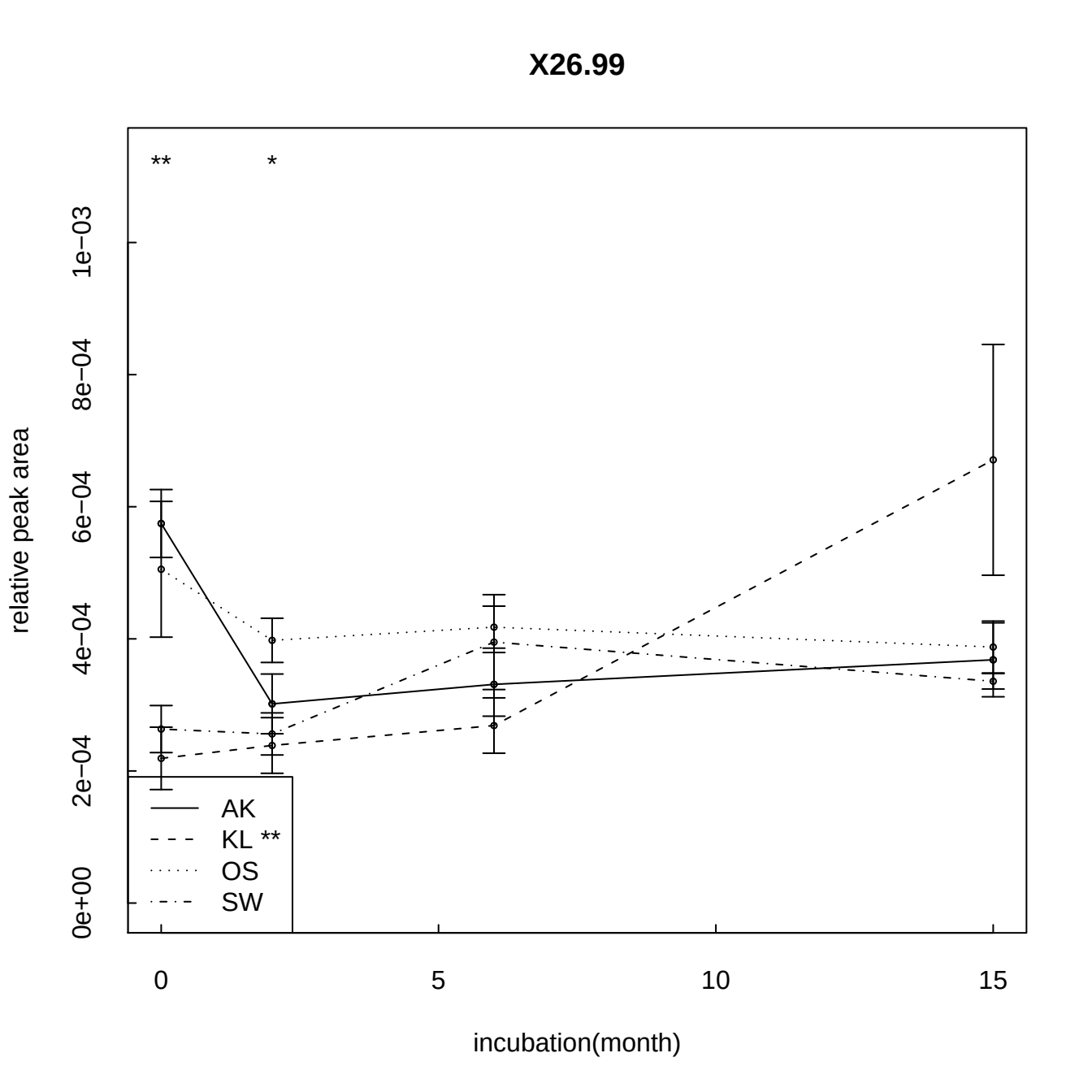

X26.24
relative peak area
0e+00
2e−04
4e−04
6e−04
8e−04
*
AK
KL
OS
SW
0
5
10
15
incubation(month)

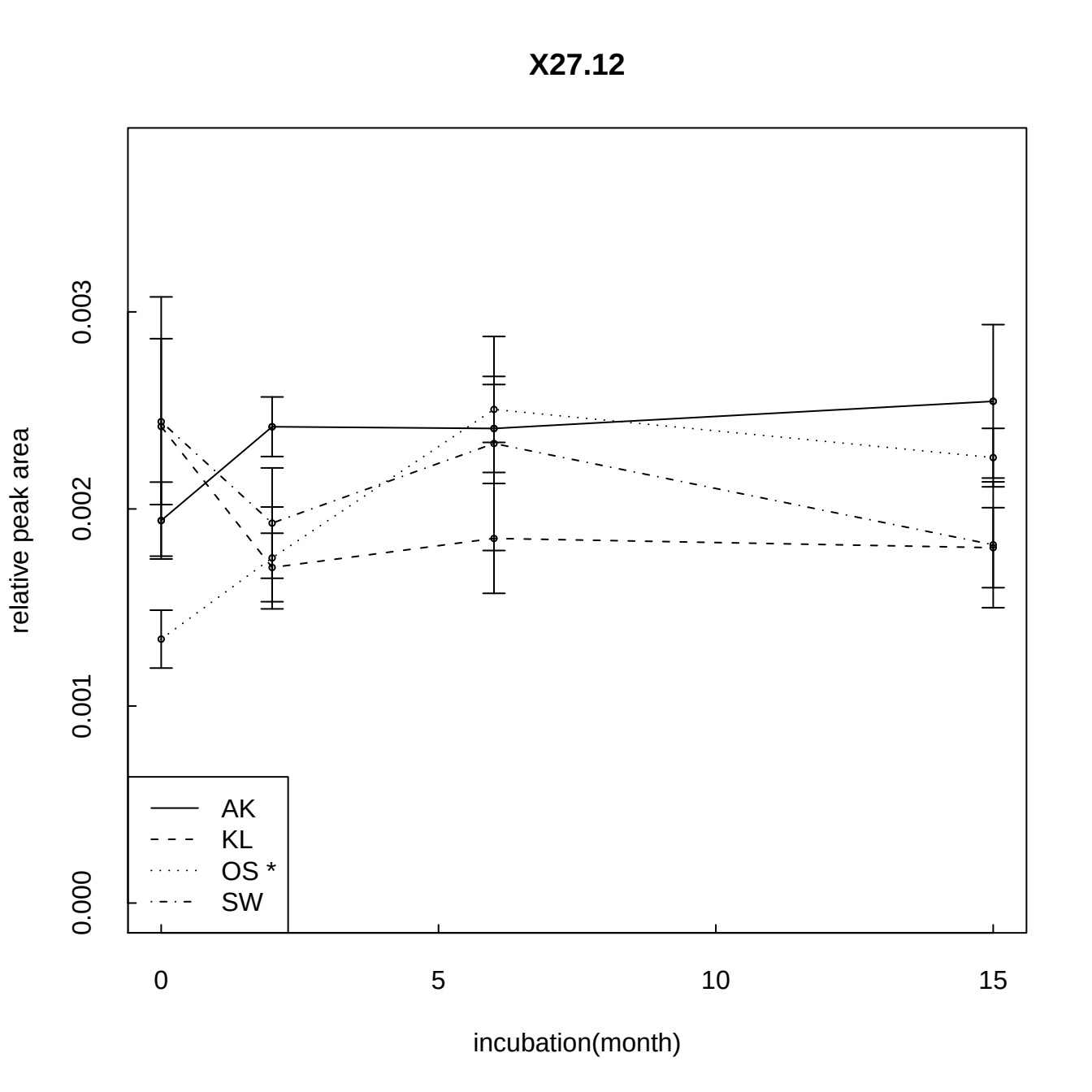

X26.56
**
relative peak area
0.000
0.005
0.010
0.015
AK
KL
OS
SW *
0
5
10
15
incubation(month)

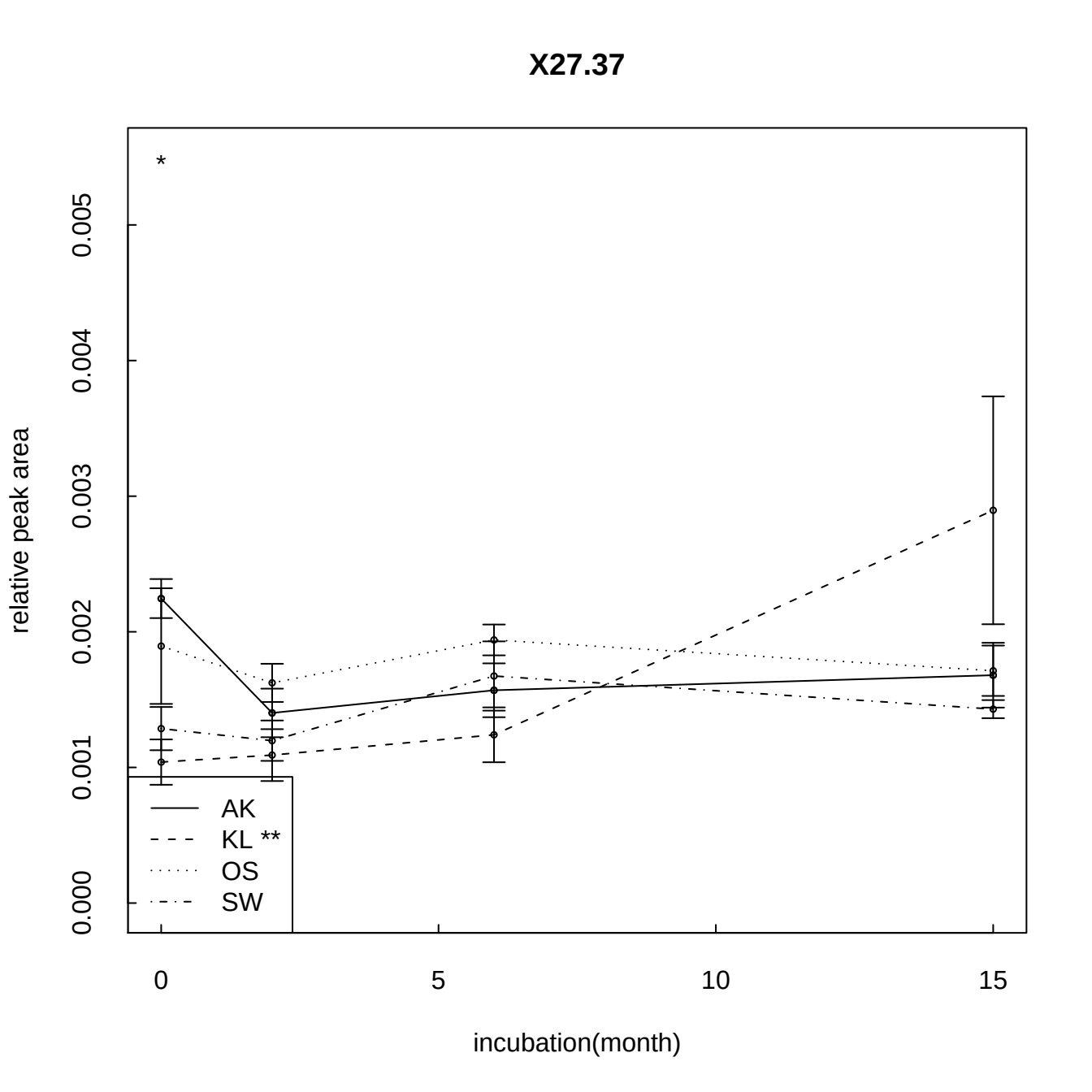

X26.96
*
0.020
0.015
0.010
0.005
0.000
relative peak area
AK
KL
OS *
SW
0
5
10
15
incubation(month)

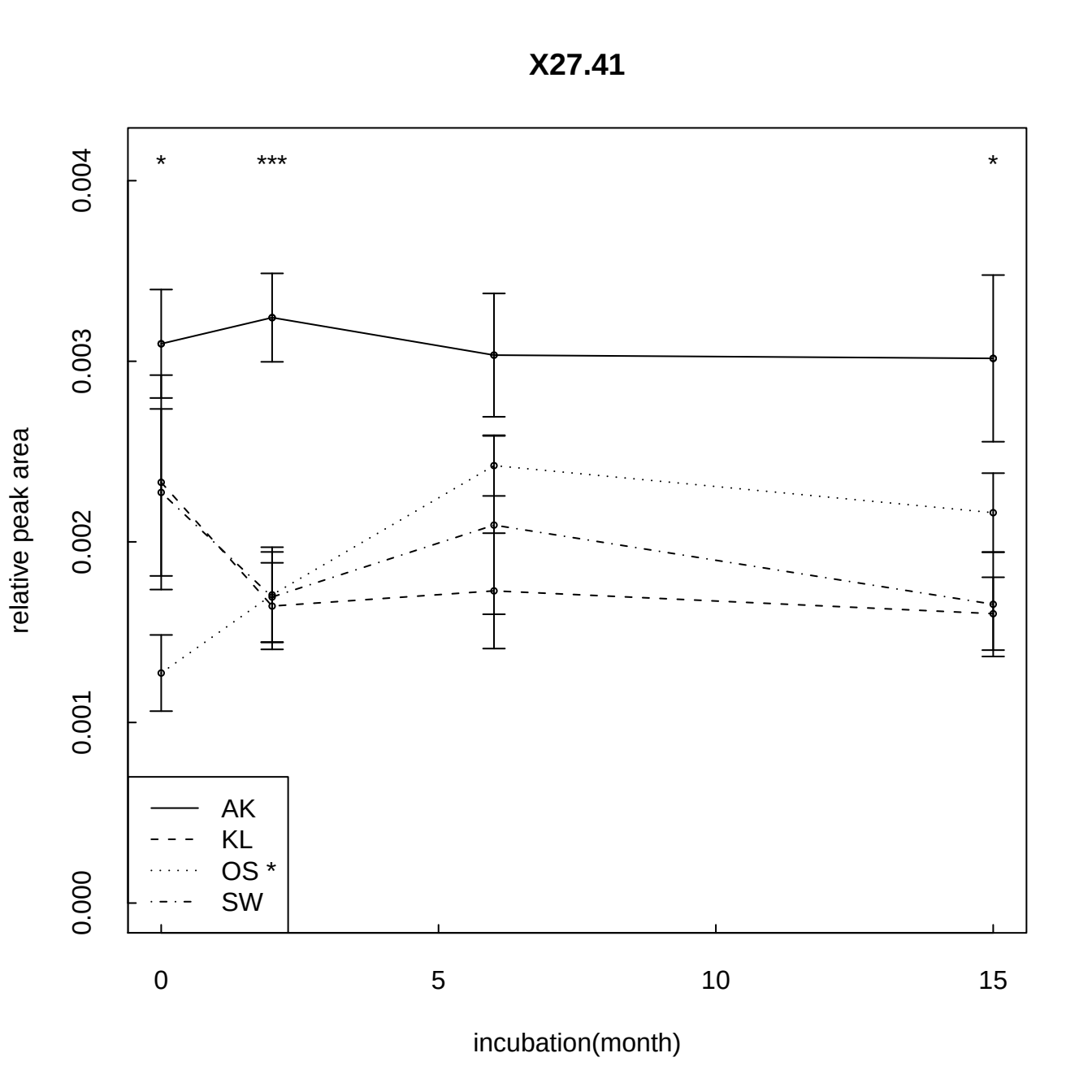

X26.81
***
**
0.0020
0.0015
0.0010
0.0005
0.0000
relative peak area
AK
KL
OS
SW ***
0
5
10
15
incubation(month)

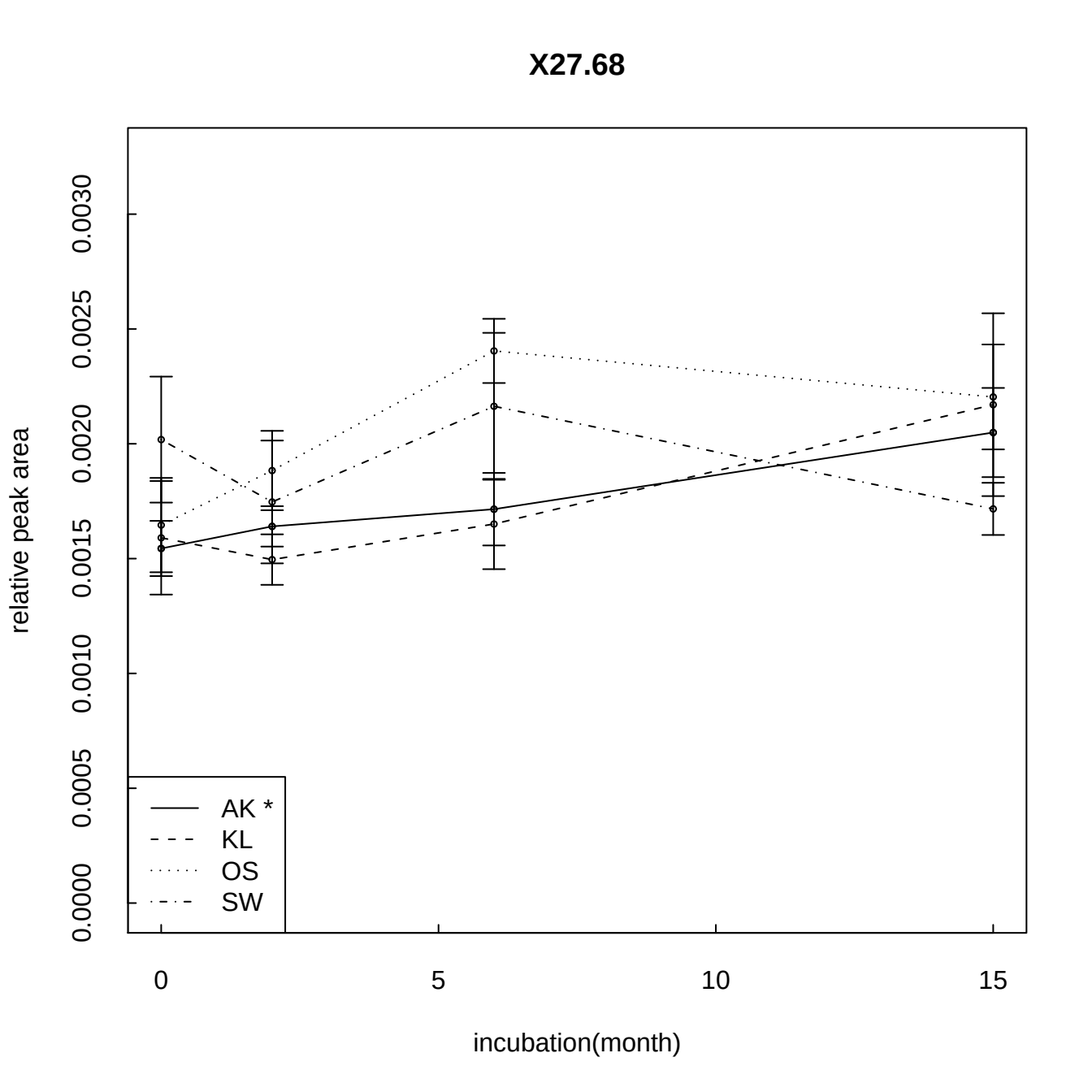

X26.89
**
relative peak area
0.00000
0.00005
0.00010
0.00015
0.00020
0
5
10
15
incubation(month)
AK
KL
OS
SW *

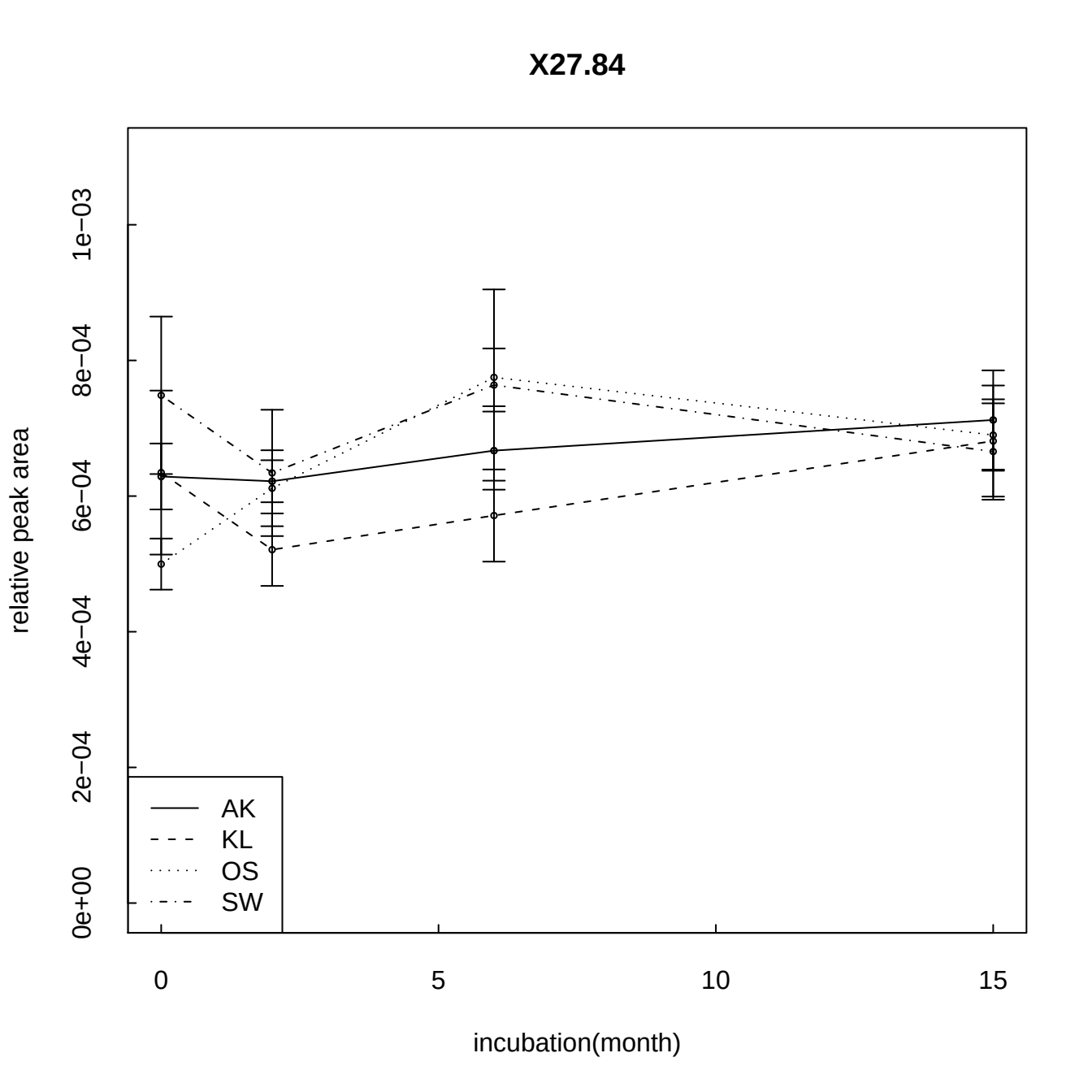

X26.99
**
*
relative peak area
0e+00
2e−04
4e−04
6e−04
8e−04
1e−03
AK
KL **
OS
SW
0
5
10
15
incubation(month)

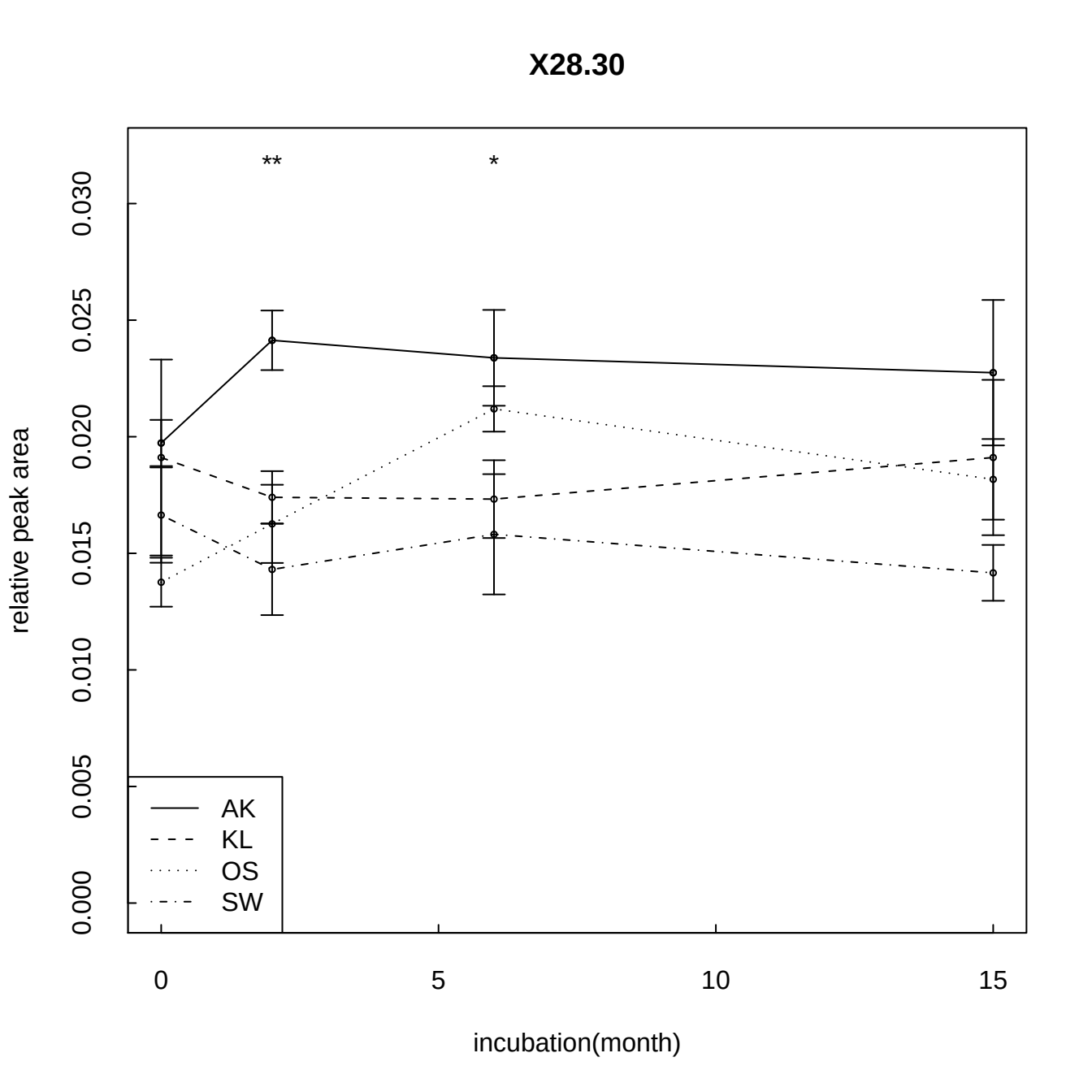

X27.12
relative peak area
0.000
0.001
0.002
0.003
0
5
10
15
incubation(month)
AK
KL
OS *
SW

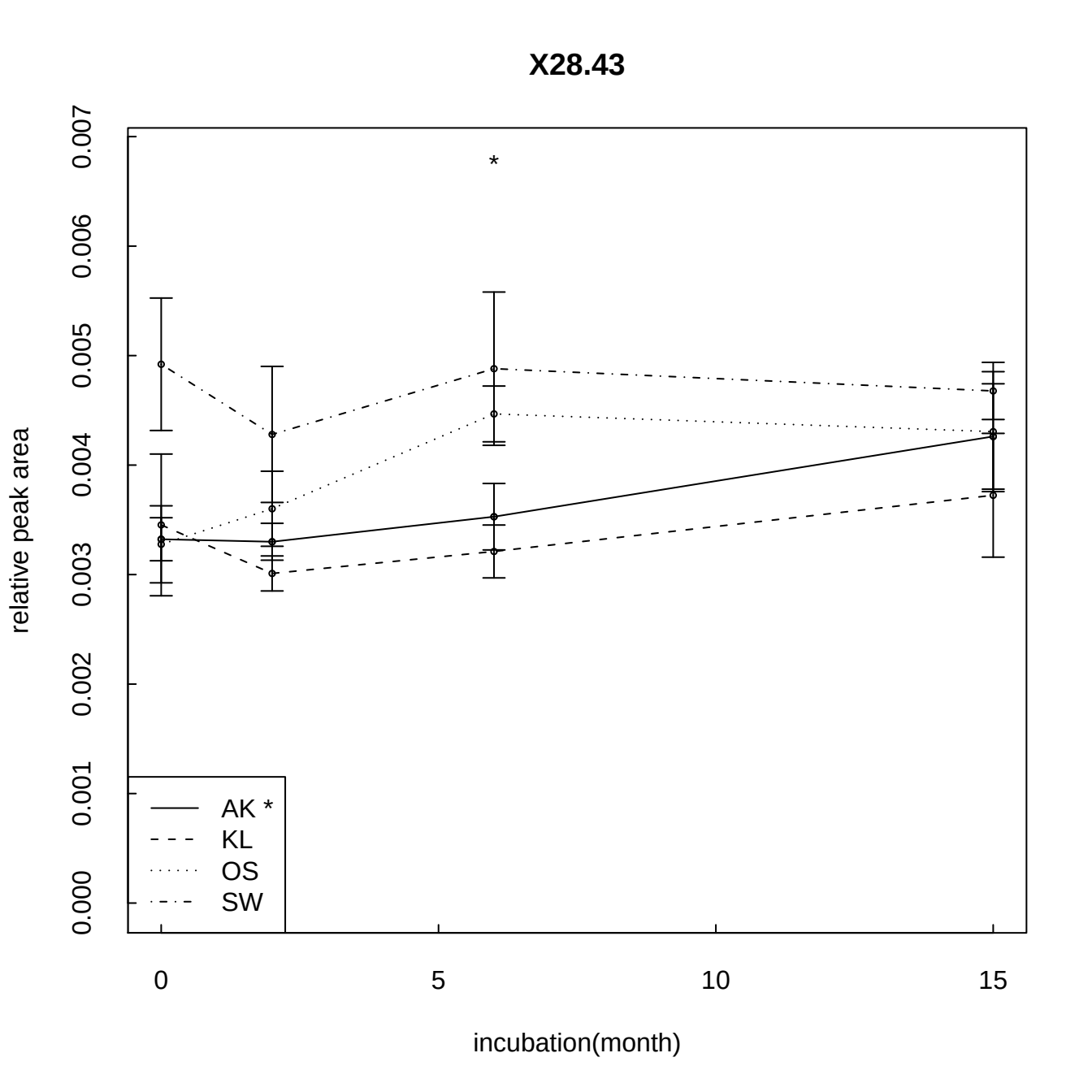

X27.37
*
relative peak area
0.000
0.001
0.002
0.003
0.004
0.005
AK
KL **
OS
SW
0
5
10
15
incubation(month)

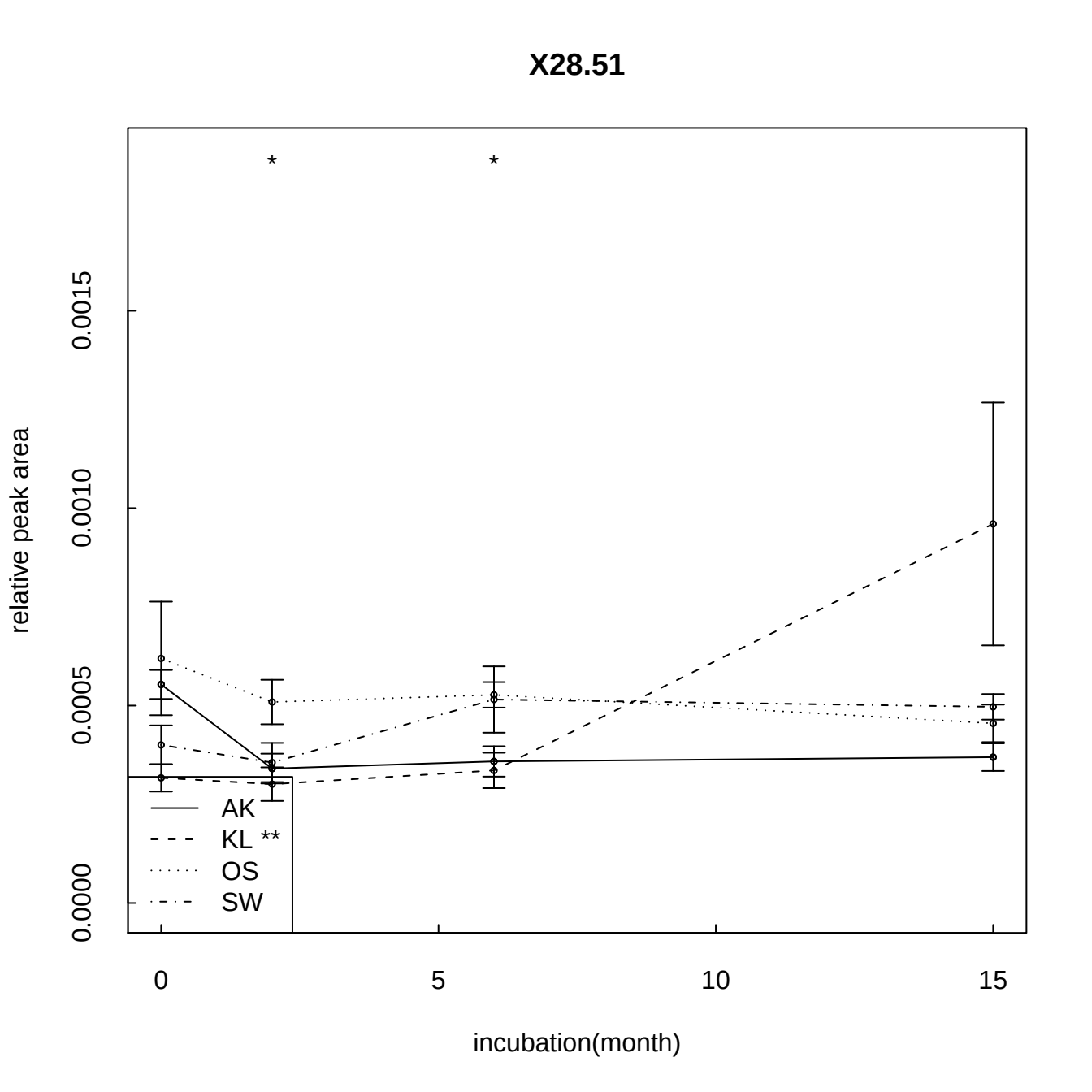

X27.41
*
***
*
0.004
0.003
0.002
0.001
0.000
relative peak area
AK
KL
OS *
SW
0
5
10
15
incubation(month)

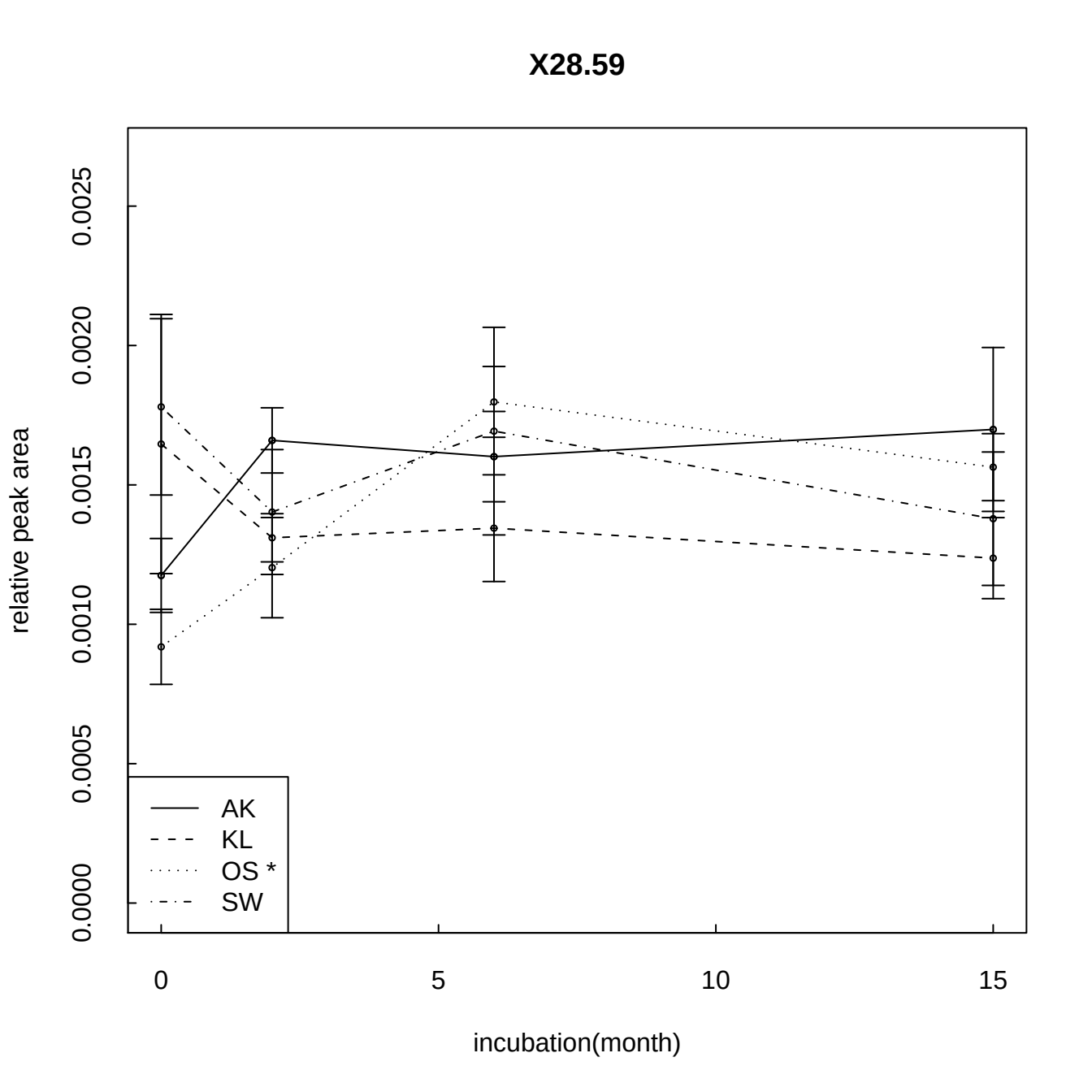

X27.68
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0
5
10
15
incubation(month)
AK *
KL
OS
SW

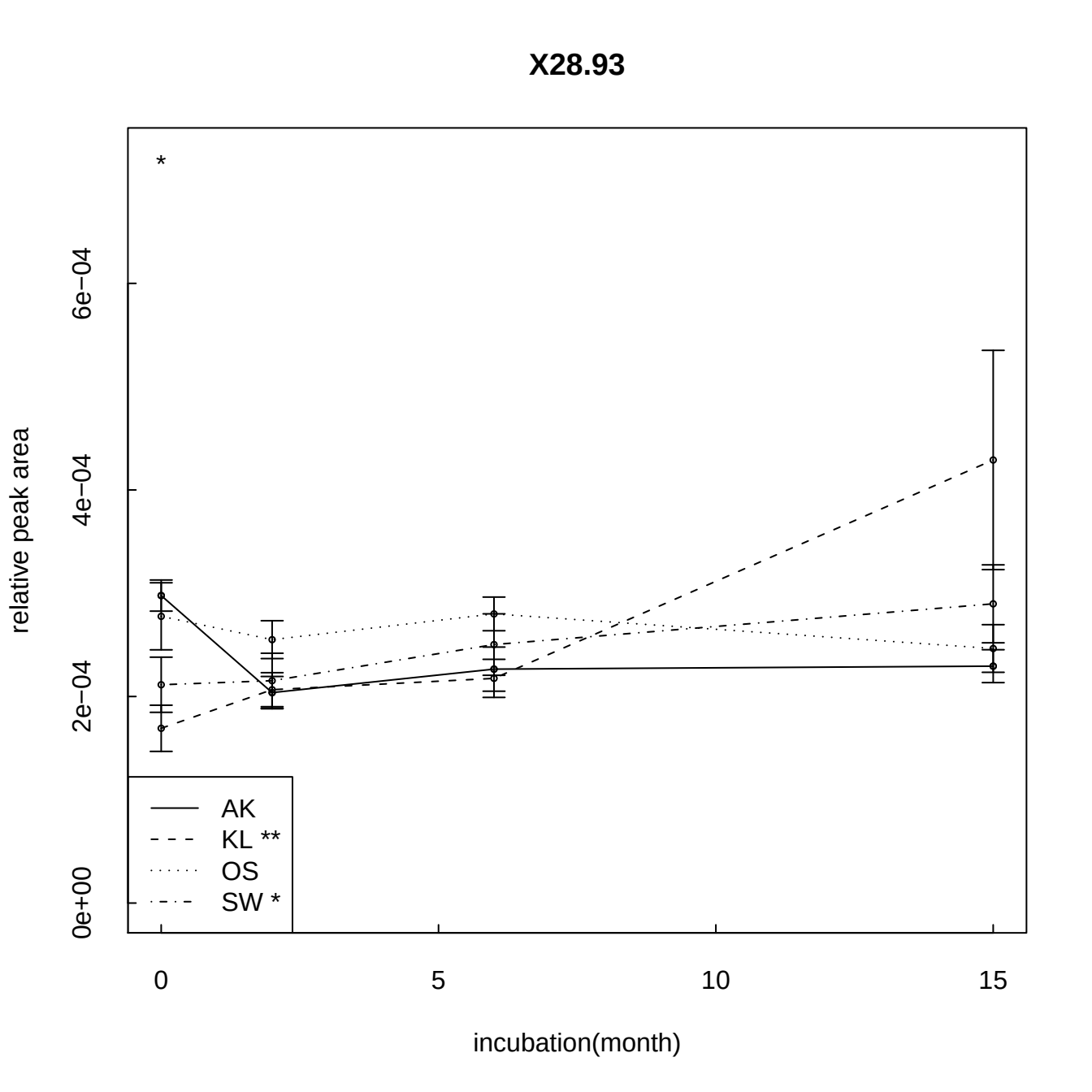

X27.84
relative peak area
0e+00
2e−04
4e−04
6e−04
8e−04
1e−03
0
5
10
15
incubation(month)
AK
KL
OS
SW

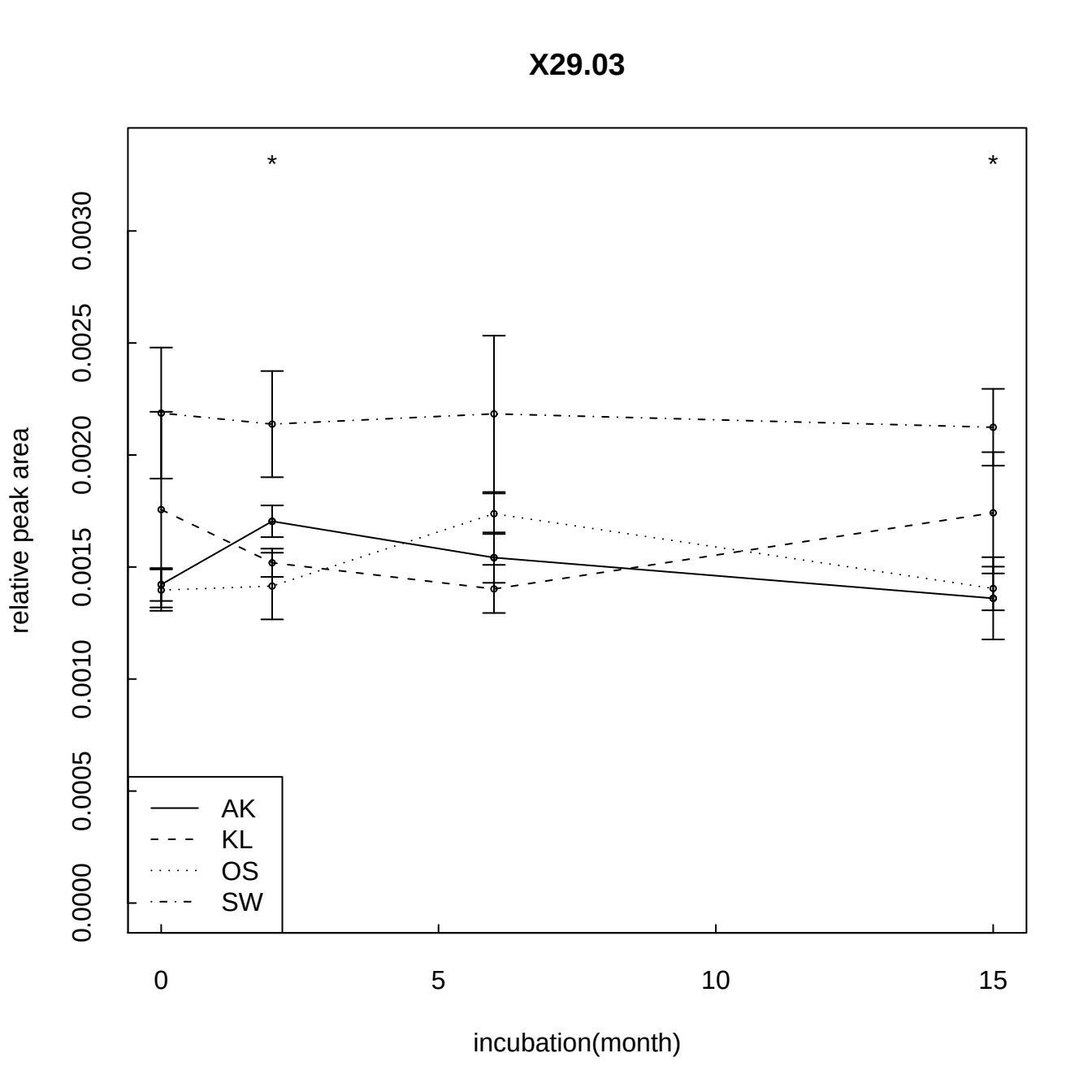

X28.30
**
*
relative peak area
0.000
0.005
0.010
0.015
0.020
0.025
0.030
AK
KL
OS
SW
0
5
10
15
incubation(month)

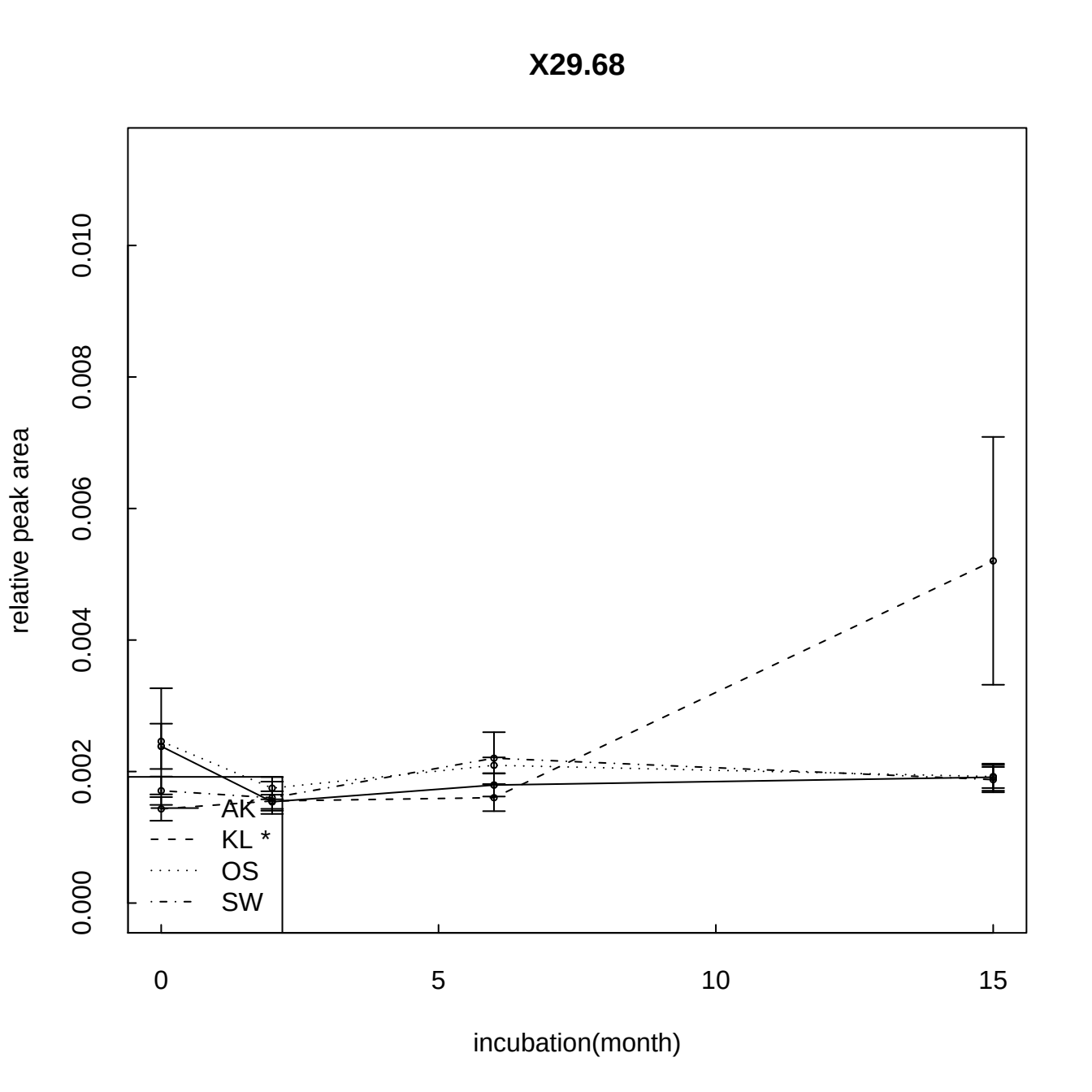

X28.43
*
relative peak area
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
AK *
KL
OS
SW
0
5
10
15
incubation(month)

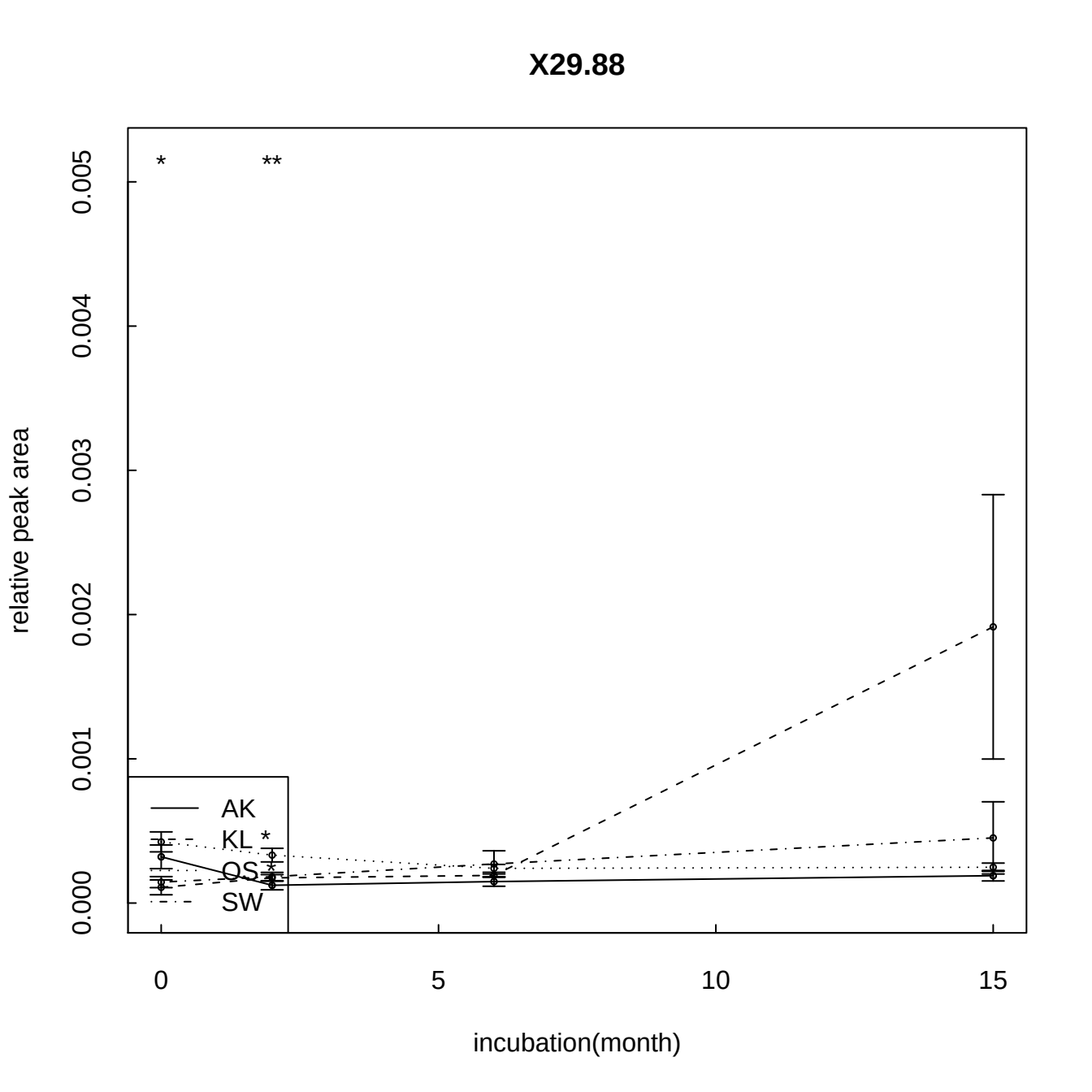

X28.51
*
*
0.0015
0.0010
0.0005
0.0000
relative peak area
AK
KL **
OS
SW
0
5
10
15
incubation(month)

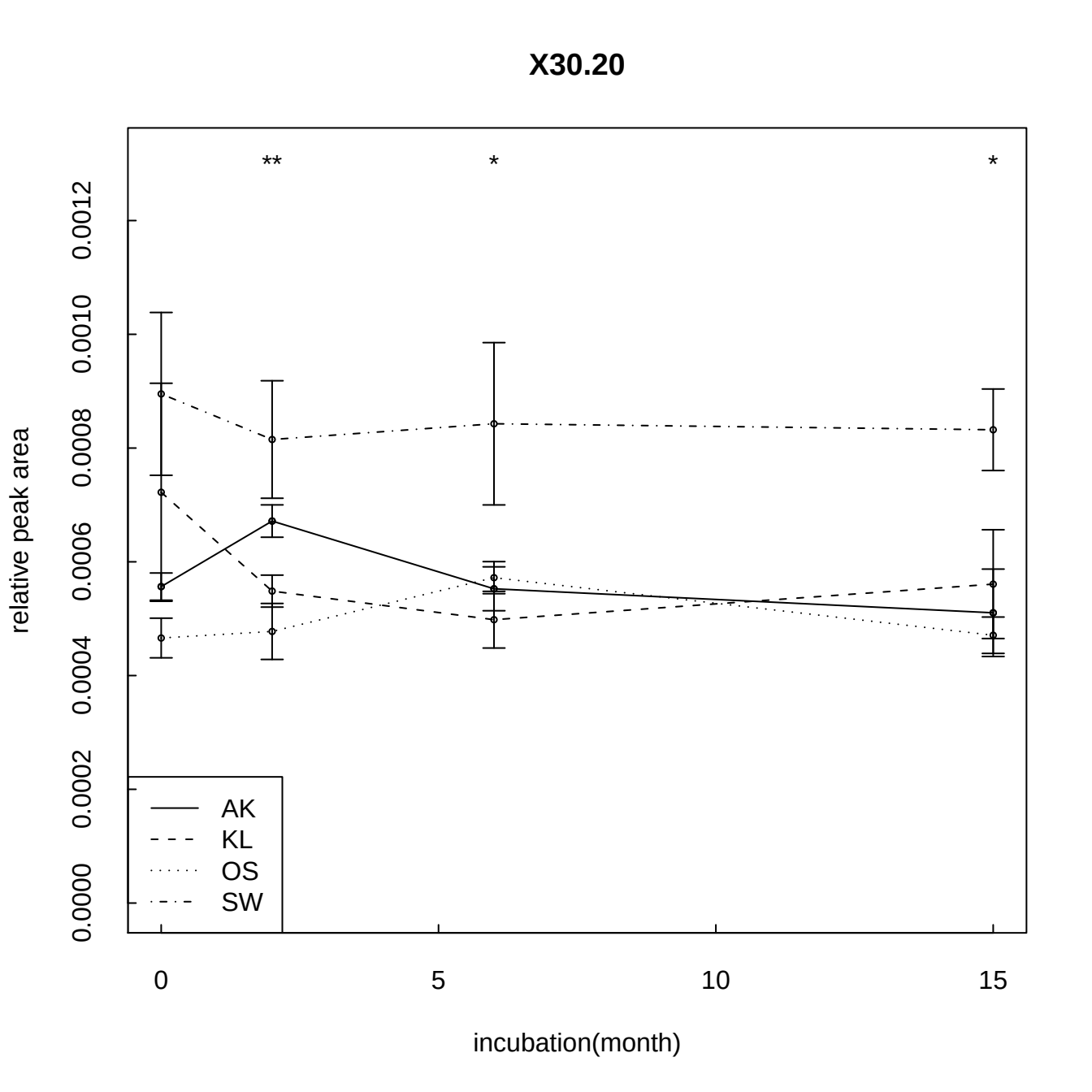

X28.59
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0
5
10
15
incubation(month)
AK
KL
OS *
SW

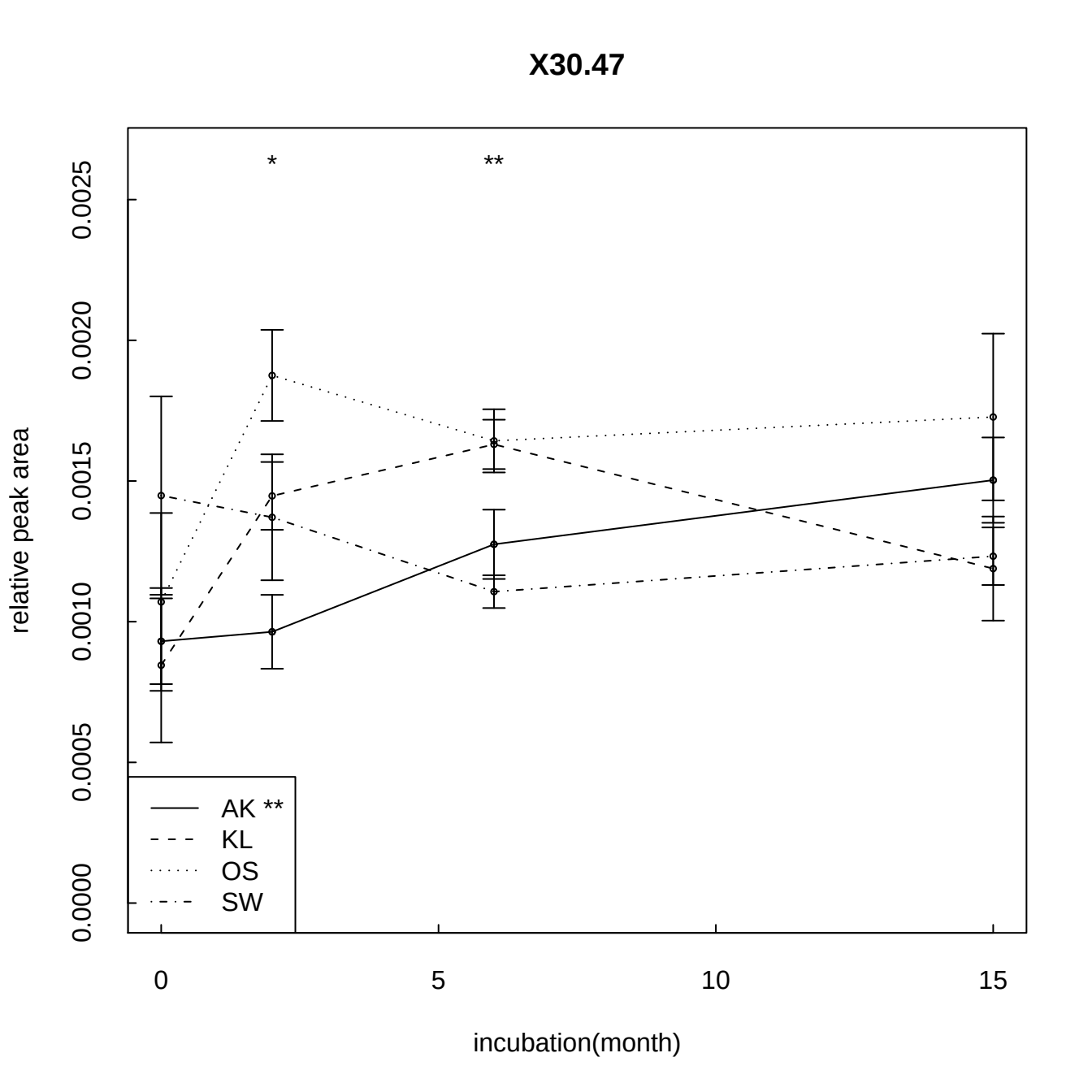

X28.93
*
relative peak area
0e+00
2e−04
4e−04
6e−04
0
5
10
15
incubation(month)
AK
KL **
OS
SW *

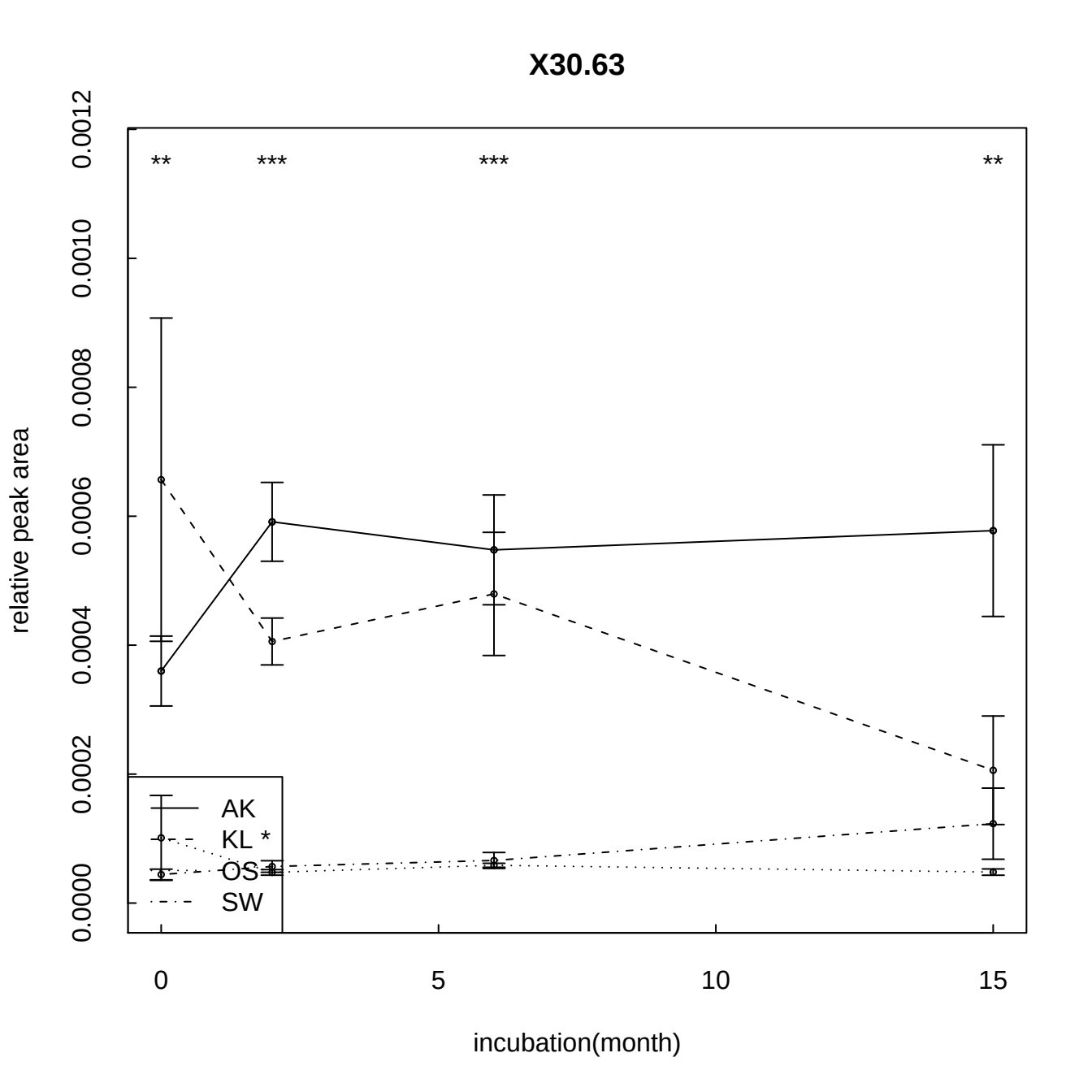

X29.03
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
*
*
AK
KL
OS
SW
0
5
10
15
incubation(month)

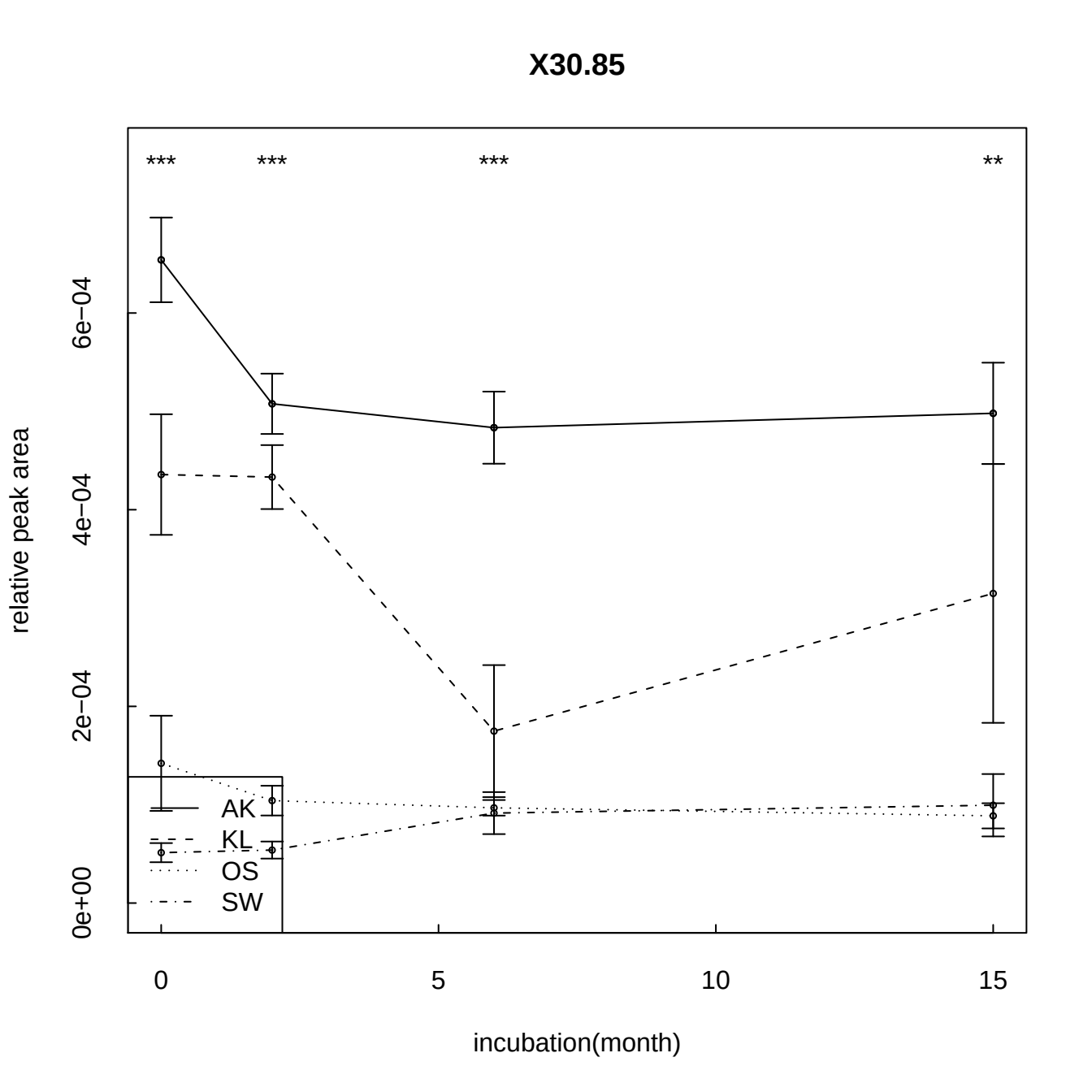

X29.68
relative peak area
0.000
0.002
0.004
0.006
0.008
0.010
0
5
10
15
incubation(month)
AK
KL *
OS
SW

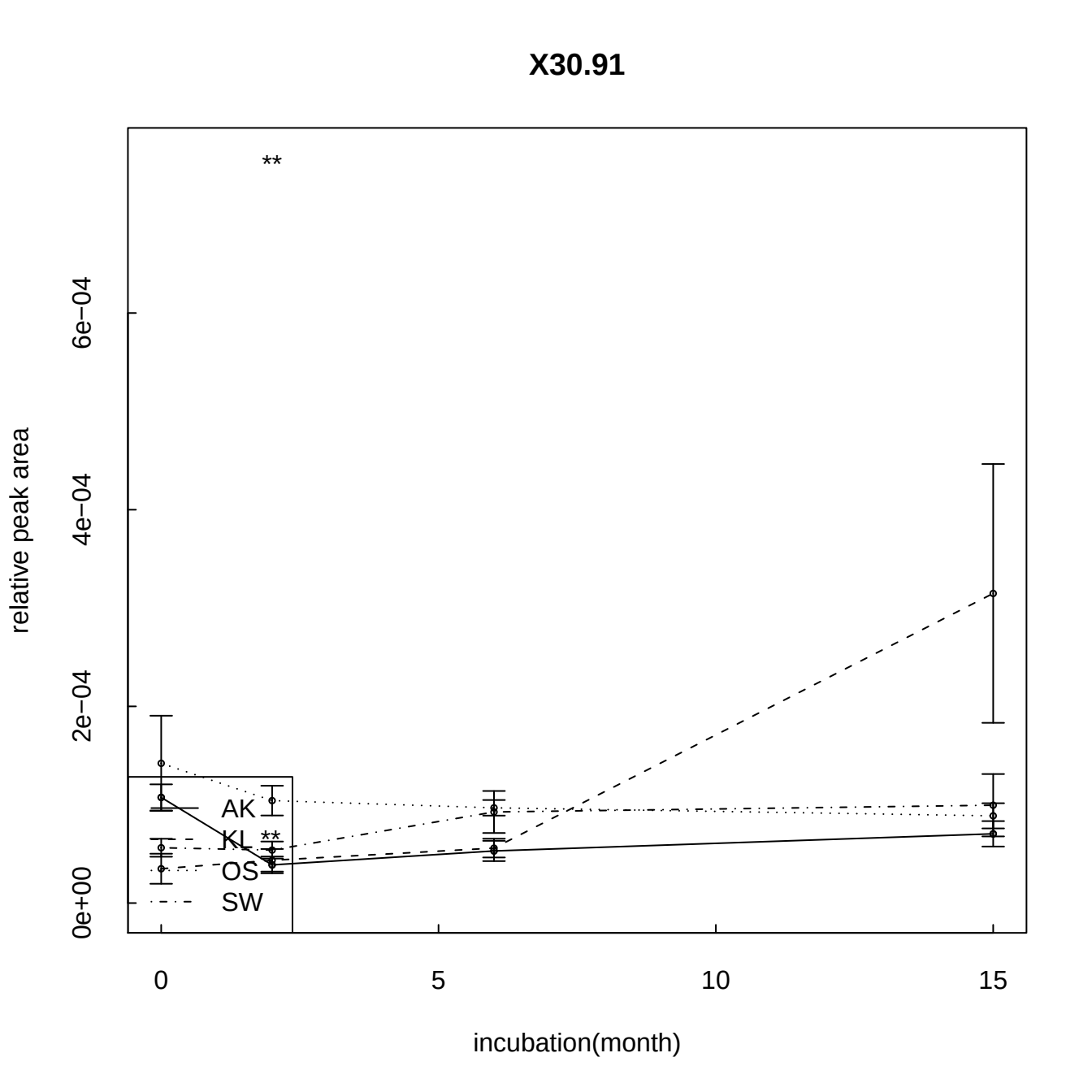

X29.88
relative peak area
0.000
0.001
0.002
0.003
0.004
0.005
*
**
AK
KL *
OS
SW
0
5
10
15
incubation(month)

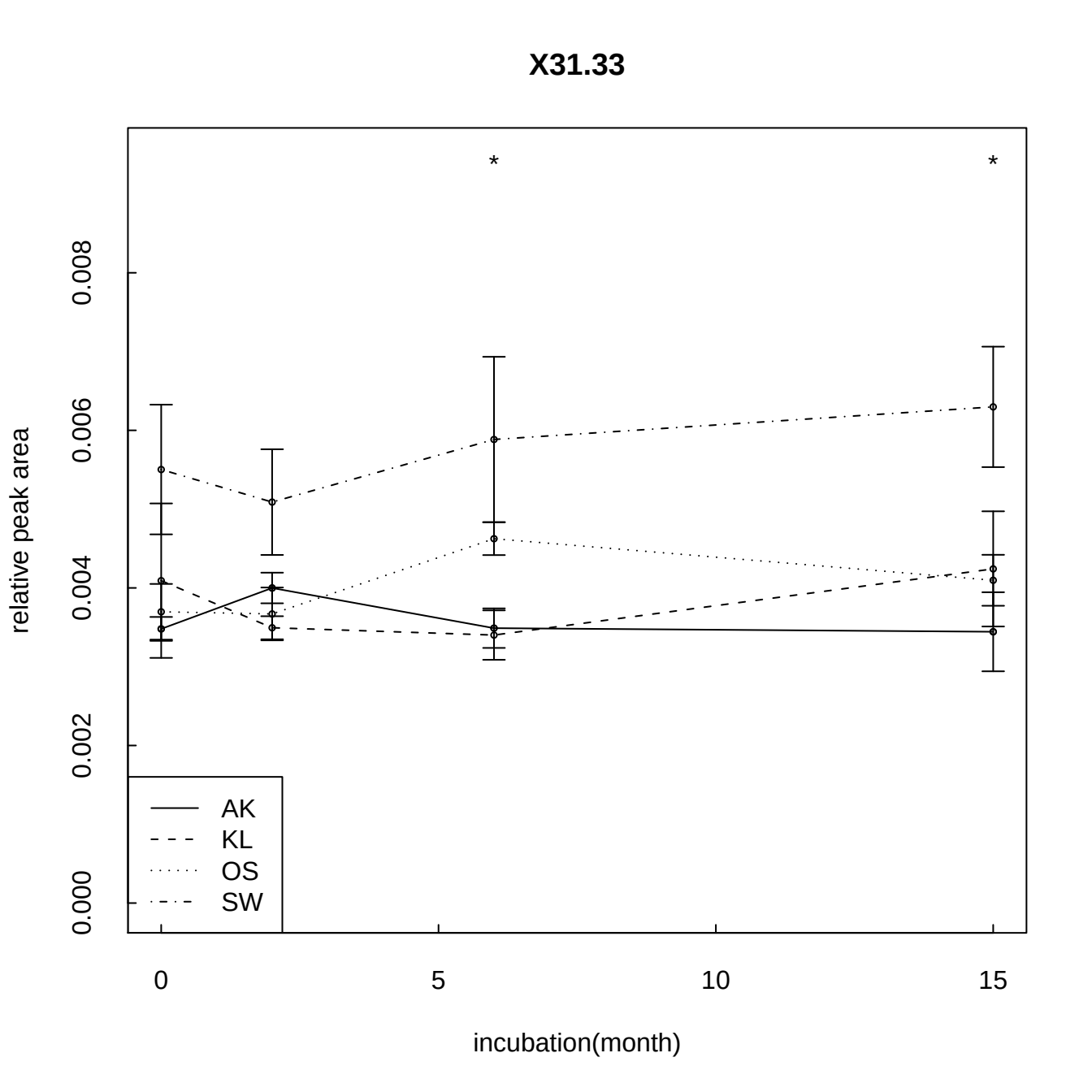

X30.20
**
*
*
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
AK
KL
OS
SW
0
5
10
15
incubation(month)

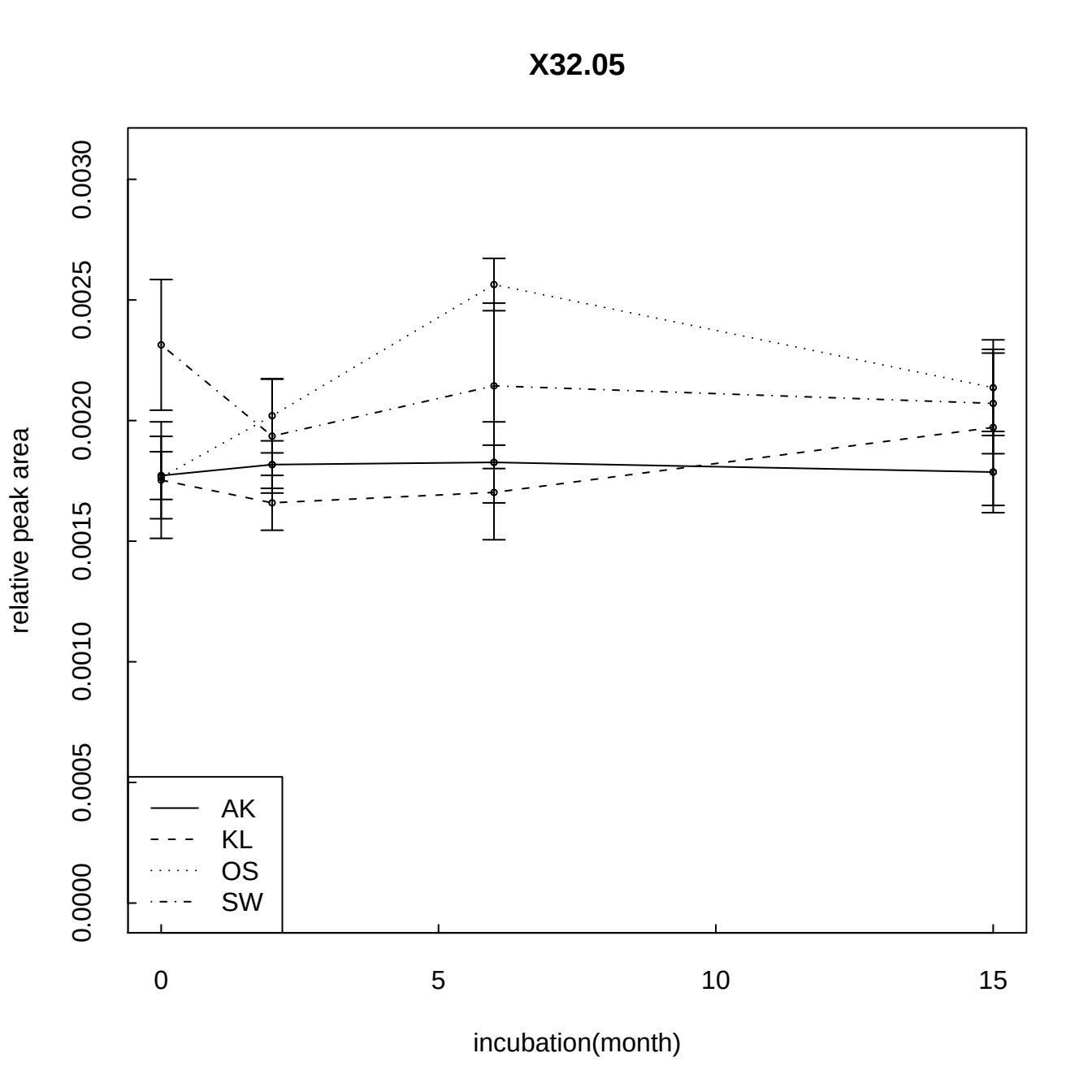

X30.47
*
**
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
AK **
KL
OS
SW
0
5
10
15
incubation(month)

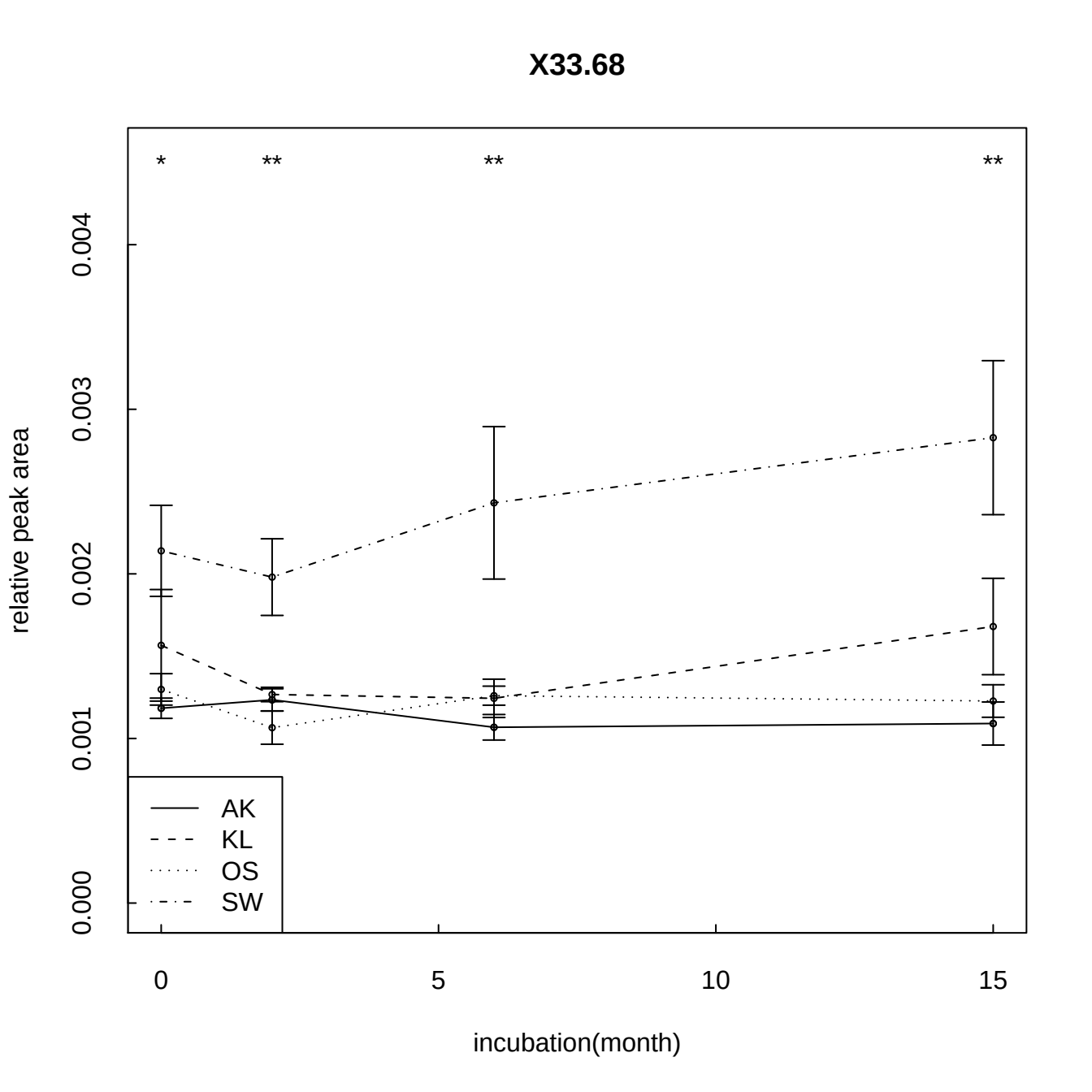

X30.63
relative peak area
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.0012
**
***
***
**
AK
KL *
OS
SW
0
5
10
15
incubation(month)

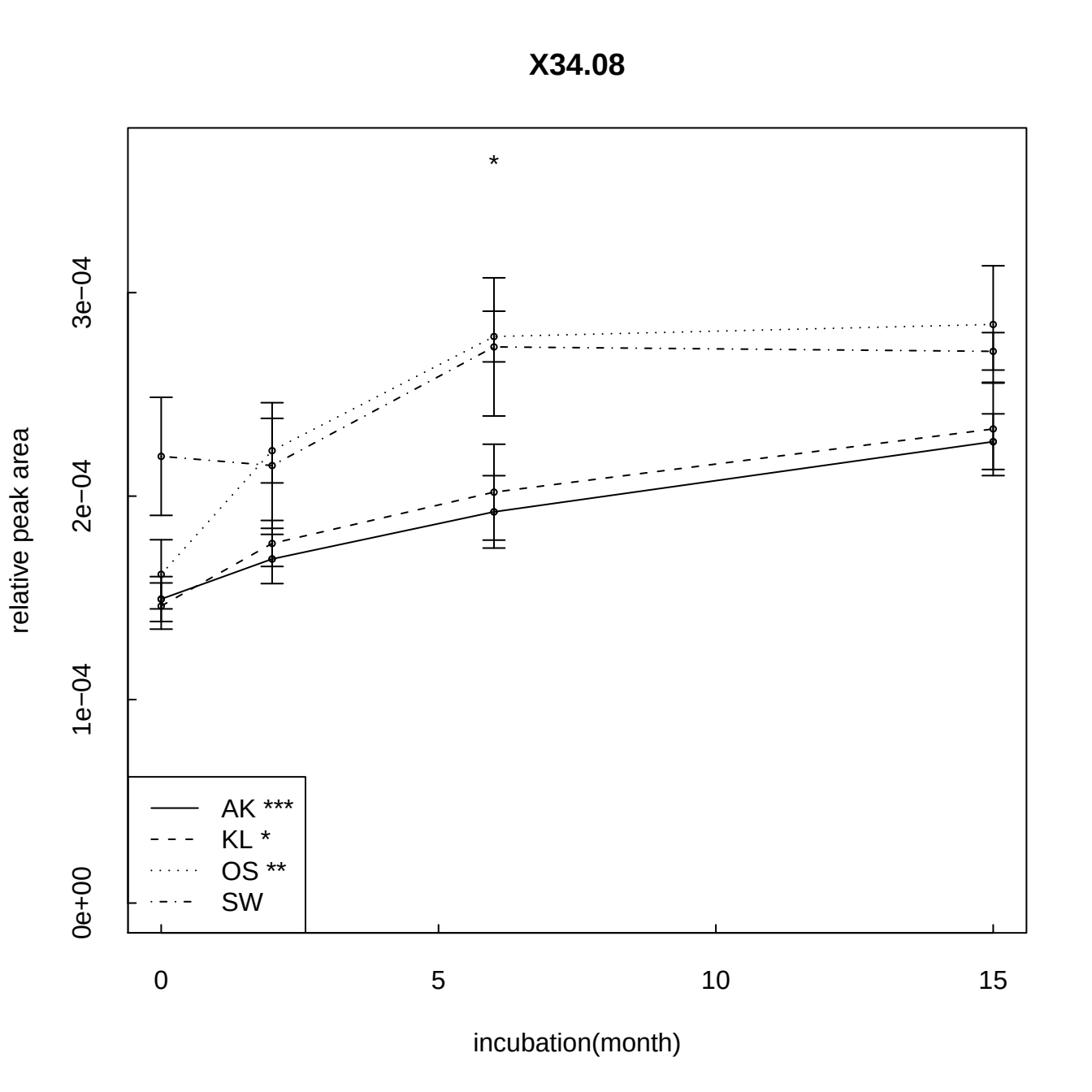

X30.85
***
***
***
**
relative peak area
0e+00
2e−04
4e−04
6e−04
AK
KL
OS
SW
0
5
10
15
incubation(month)

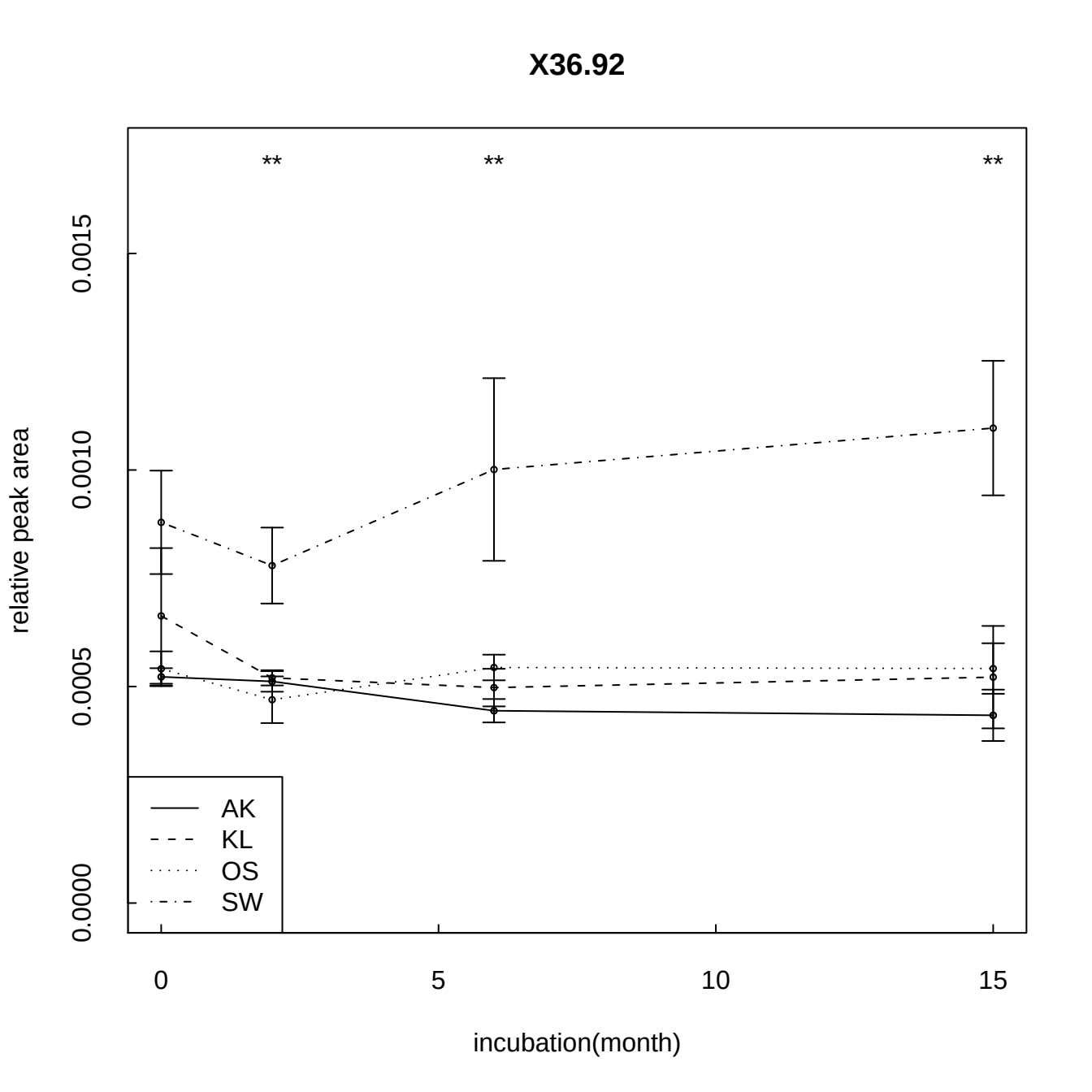

X30.91
**
relative peak area
0e+00
2e−04
4e−04
6e−04
AK
KL
OS
SW
**
0
5
10
15
incubation(month)


X31.33
*
*
relative peak area
0.000
0.002
0.004
0.006
0.008
AK
KL
OS
SW
0
5
10
15
incubation(month)


X32.05
relative peak area
0.0000
0.0005
0.0010
0.0015
0.0020
0.0025
0.0030
0
5
10
15
incubation(month)
AK
KL
OS
SW


X33.68
*
**
**
**
0.004
0.003
0.002
0.001
0.000
relative peak area
AK
KL
OS
SW
0
5
10
15
incubation(month)


X34.08
*
relative peak area
0e+00
1e−04
2e−04
3e−04
0
5
10
15
incubation(month)
AK ***
KL *
OS **
SW


X36.92
**
**
**
relative peak area
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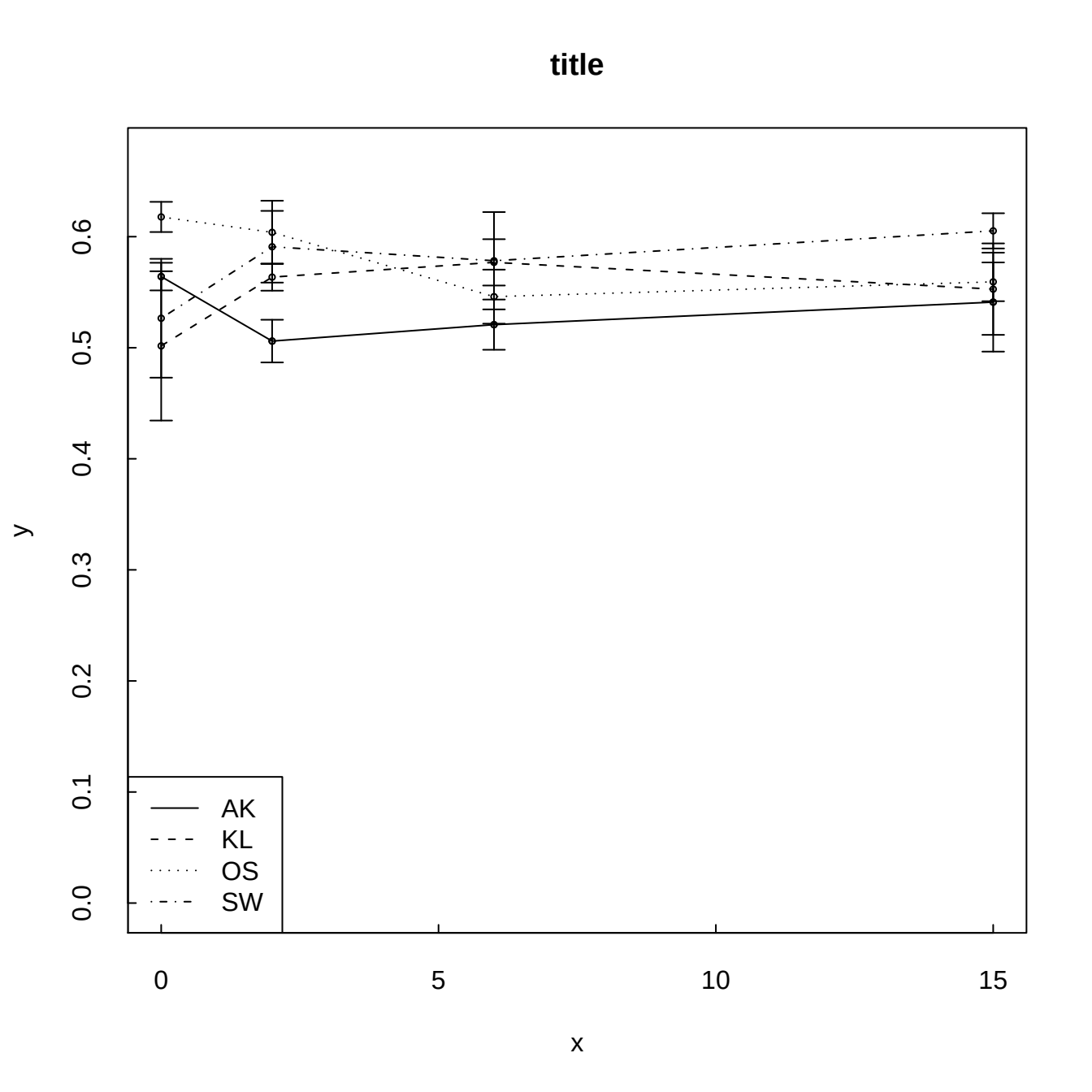
0.0005
0.0010
0.0015
AK
KL
OS
SW
0
5
10
15
incubation(month)


title
y
x
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0
5
10
15
AK
KL
OS
SW